FEDRIGONI ARENA® IVORY SMOOTH

description

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. Available in the bright new "Ivory" shade. Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance							
64x88	LG	70	80	90					
64x90	LG	70	80	90	100	120			
90x64	SG	90	120	140	200				
70x100	LG	70	80	90					
72x102	LG	70	80	90	100	120	140	170	200	250
102x72	SG	90	120	140	170				

technical features

ref. standard/instrument

unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
70 ± 3%	1,15	88,5 ± 2	150 ± 20%	72% ± 2
80 ± 3%	1,15	88 ± 2	150 ± 20%	72% ± 2
90 ± 3%	1,15	89,5 ± 2	150 ± 20%	72% ± 2
100 ± 3%	1,15	90,5 ± 2	150 ± 20%	72% ± 2
120 ± 3%	1,15	92 ± 2	150 ± 20%	72% ± 2
140 ± 3%	1,15	94 ± 2	150 ± 20%	72% ± 2
170 ± 3%	1,15	96 ± 2	150 ± 20%	72% ± 2
200 ± 4%	1,15	–	150 ± 20%	72% ± 2
250 ± 5%	1,20	–	220 ± 20%	72% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

LONG-LIFE ISO 9706

HEAVY METAL ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

FEDRIGONI

Fedrigoni Arena® Ivory Smooth is excellent for de luxe pubblications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Ivory Smooth can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Ivory Smooth has good chromatic and tone performance.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® IVORY ROUGH

description

Wood-free uncoated papers and boards E.C.F. with FSC® certification. Available in the bright new "Ivory" shade. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance						
64x90	LG	90	100	120	140	170		
90x64	SG	90	120					
72x102	LG	90	100	120	140	170	250	300
102x72	SG	90	120	140	170	300		

technical features

ref. standard/instrument

unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,35	88,5 ± 2	600 ± 20%	72% ± 2
100 ± 3%	1,35	90 ± 2	600 ± 20%	72% ± 2
120 ± 3%	1,35	92 ± 2	700 ± 20%	72% ± 2
140 ± 3%	1,35	94 ± 2	800 ± 20%	72% ± 2
170 ± 3%	1,35	95,5 ± 2	1000 ± 20%	72% ± 2
250 ± 5%	1,38	–	1200 ± 20%	72% ± 2
300 ± 5%	1,40	–	1400 ± 20%	72% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 — The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

LONG-LIFE ISO 9706

HEAVY METAL HM ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

FEDRIGONI

Fedrigoni Arena® Ivory Rough is excellent for de luxe pubblications, diaries, note-books, packagings, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Ivory Rough can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress.
The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Ivory Rough has good chromatic and tone performance.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® IVORY BULK

description

Uncoated high thickness papers, with FSC® certification. Available in the bright new "Ivory" shade. Rational yet elegant, good for texts, pictures, and illustrations. It works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance				
64x90	LG	80	90	100	120	140
72x102	LG	80	90	100	120	140

technical features
ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
80 ± 3%	1,7	89 ± 2	900 ± 20%	72% ± 3
90 ± 3%	1,7	90 ± 2	950 ± 20%	72% ± 3
100 ± 3%	1,7	91 ± 2	1000 ± 20%	72% ± 3
120 ± 3%	1,7	92 ± 2	1100 ± 20%	72% ± 3
140 ± 3%	1,7	94 ± 2	1200 ± 20%	72% ± 3

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC
www.fsc.org
FSC® C015523
The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

HEAVY METAL HM ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable. Special runs available upon request. Fedrigoni Arena® Ivory Bulk has a bulk of 1.7 and contains CTMP (chemi-themo mechanical pulp) a raw material that allows to obtain higher thicknesses but that can bring slight variations in the shade and occasional small spots from one making to the next compared to Ivory Smooth and Ivory Rough versions.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

Fedrigoni Arena® Ivory Bulk is excellent for de luxe pubblications, diaries, note-books, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Ivory Bulk can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress.
The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Ivory Bulk has good chromatic and tone performance.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results.
The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI ARENA® NATURAL SMOOTH

description

Wood-free smooth uncoated papers and boards e.c.f. with FSC® certification. The new "Natural" white shade is obtained without using Optical Brightening Agents (OBA Free). Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique. Substances above 300 gsm are obtained by wet lamination during the paper-making stage.

range

size	grain	substance							
46x64	LG	90	120	140	300				
64x90	LG	90	100	120	140	170	200	250	300
90x64	SG	90	120	140	200	300			
72x102	LG	90	100	120	140	170	200	250	300	350
102x72	SG	90	120	140	170	300			

technical features
ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,15	90 ± 2	150 ± 20%	89% ± 2
100 ± 3%	1,15	92 ± 2	150 ± 20%	89% ± 2
120 ± 3%	1,15	94 ± 2	150 ± 20%	89% ± 2
140 ± 3%	1,15	96 ± 2	150 ± 20%	89% ± 2
170 ± 3%	1,15	97 ± 2	150 ± 20%	89% ± 2
200 ± 4%	1,15	–	150 ± 20%	89% ± 2
250 ± 5%	1,20	–	220 ± 20%	89% ± 2
300 ± 5%	1,22	–	220 ± 20%	89% ± 2
350 ± 5%	1,22	–	220 ± 20%	89% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 The mark of responsible forestry — ELEMENTAL CHLORINE FREE GUARANTEED — ACID FREE — LONG-LIFE ISO 9706 — HEAVY METAL ABSENCE HM CE 94/62

note

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

UNI EN ISO 9001:2008 - CQ 539
UNI EN ISO 14001:2004 - CQ 7847
BSI - OHSAS 18001:2007 - CQ 15229

FEDRIGONI

Product Data Sheet ARE/1Q0
Update 08/2019
Rev. n° 01

Fedrigoni Arena® Natural Smooth is excellent for de luxe pubblications, diaries, note-books, packagings, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Natural Smooth can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Natural Smooth has good chromatic and tone performance. Printing densities, dot gain and printing contrast are at the highest performance levels obtainable from uncoated papers.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI ARENA® NATURAL ROUGH

description

Wood-free uncoated papers and boards E.C.F. with FSC® certification. The new "Natural" white shade is obtained without using Optical Brightening Agents (OBA Free). Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance					
64x90	LG	90	100	120	140	300	
90x64	SG	90	120				
72x102	LG	90	100	120	140	200	300
102x72	SG	90	120	140	300		

technical features

ref. standard/instrument

unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,35	90 ± 2	600 ± 20%	89% ± 2
100 ± 3%	1,35	92 ± 2	600 ± 20%	89% ± 2
120 ± 3%	1,35	93 ± 2	700 ± 20%	89% ± 2
140 ± 3%	1,35	95 ± 2	800 ± 20%	89% ± 2
250 ± 5%	1,38	–	950 ± 20%	89% ± 2
300 ± 5%	1,4	–	1200 ± 20%	89% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 — The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

LONG-LIFE ISO 9706

HEAVY METAL ABSENCE CE 94/62

Envelopes available on stock.

note

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

UNI EN ISO 9001:2008 - CQ 539
UNI EN ISO 14001:2004 - CQ 7847
BSI - OHSAS 18001:2007 - CQ 15229

FEDRIGONI

Product Data Sheet ARE/1Q1
Update 08/2019
Rev. n° 01

Fedrigoni Arena® Natural Rough is excellent for de luxe pubblications, diaries, note-books, packagings, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Natural Rough can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Natural Rough has good chromatic and tone performance.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® NATURAL BULK

description

Uncoated high thickness papers, with FSC® certification. The new "Natural" white shade is obtained without using Optical Brightening Agents (OBA Free). Rational yet elegant, good for texts, pictures, and illustrations. It works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance			
64x90	LG	90	100	120	140
72x102	LG	90	100	120	140

technical features

ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,7	90 ± 2	950 ± 20%	85% ± 3
100 ± 3%	1,7	91 ± 2	1000 ± 20%	85% ± 3
120 ± 3%	1,7	93 ± 2	1100 ± 20%	85% ± 3
140 ± 3%	1,7	95 ± 2	1200 ± 20%	85% ± 3

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC
www.fsc.org
FSC® C015523
The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

HEAVY METAL HM ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.
Fedrigoni Arena® Natural Bulk has a bulk of 1.7 and contains CTMP (chemi-themo mechanical pulp) a raw material that allows to obtain higher thicknesses but that can bring slight variations in the shade and occasional small spots from one making to the next compared to Natural Smooth and Natural Rough versions.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

UNI EN ISO 9001:2008 - CQ 539
UNI EN ISO 14001:2004 - CQ 7847
BSI - OHSAS 18001:2007 - CQ 15229

FEDRIGONI

Product Data Sheet ARE/1Q2
Update 08/2019
Rev. n° 01

Fedrigoni Arena® Natural Bulk is excellent for de luxe pubblications, diaries, note-books, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Natural Bulk can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress.
The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Natural Bulk has good chromatic and tone performance.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results.
The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® WHITE SMOOTH

description

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. Available in the new warm "White" shade. Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique. Substances above 300 gsm are obtained by wet lamination during the paper-making stage.

range

size	grain	substance										
46x64	LL	90	120	140	300							
64x90	LL	90	100	120	140	170	200	250	300			
72x102	LL	90	100	120	140	170	200	250	300	350	400	450	580

technical features

ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,15	90 ± 2	150 ± 20%	102% ± 2
100 ± 3%	1,15	92 ± 2	150 ± 20%	102% ± 2
120 ± 3%	1,15	94 ± 2	150 ± 20%	102% ± 2
140 ± 3%	1,15	96 ± 2	150 ± 20%	102% ± 2
170 ± 3%	1,15	97 ± 2	150 ± 20%	102% ± 2
200 ± 4%	1,15	–	150 ± 20%	102% ± 2
250 ± 5%	1,20	–	220 ± 20%	102% ± 2
300 ± 5%	1,22	–	220 ± 20%	102% ± 2
350 ± 5%	1,22	–	220 ± 20%	102% ± 2
400 ± 5%	1,22	–	220 ± 20%	102% ± 2
450 ± 5%	1,22	–	220 ± 20%	102% ± 2
580 ± 5%	1,22	–	220 ± 20%	102% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

LONG-LIFE ISO 9706

HEAVY METAL ABSENCE CE 94/62

Envelopes available on stock.

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

FEDRIGONI

Fedrigoni Arena® White Smooth is excellent for de luxe pubblications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® White Smooth can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® White Smooth has good chromatic and tone performance. Printing densities, dot gain and printing contrast are at the highest performance levels obtainable from uncoated papers.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® WHITE ROUGH

description

Wood-free uncoated papers and boards E.C.F. with FSC® certification. Available in the new warm "White" shade. Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance				
64x90	LG	90	120	170	300	
72x102	LG	90	120	140	170	300

technical features

ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,35	90 ± 2	600 ± 20%	102% ± 2
120 ± 3%	1,35	92 ± 2	700 ± 20%	102% ± 2
140 ± 3%	1,35	95 ± 2	800 ± 20%	102% ± 2
170 ± 5%	1,38	96 ± 2	900 ± 20%	102% ± 2
300 ± 5%	1,4	–	1200 ± 20%	102% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 The mark of responsible forestry — ELEMENTAL CHLORINE FREE GUARANTEED — ACID FREE — LONG-LIFE ISO 9706 — HEAVY METAL ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

FEDRIGONI

Fedrigoni Arena® White Rough is excellent for de luxe pubblications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® White Rough can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Printing densities, dot gain and printing contrast are at the highest performance levels obtainable from uncoated papers.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® EXTRA WHITE SMOOTH

description

Wood-free smooth uncoated papers and boards E.C.F. with FSC® certification. Available in the cool new " Extra White" shade. Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique. Substances above 300 gsm are obtained by wet lamination during the paper-making stage.

range

size	grain	substance							
46x64	LG	90	120	140	300				
64x88	LG	70	80	90					
64x90	LG	90	100	120	140	170	200	250	300
90x64	SG	90	120	140	200	300			
70x100	LG	70	80	90					
72x102	LG	70	80	90	100	120	140	170	200	250	300	350
102x72	SG	90	120	140	170	300			

technical features
ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
70 ± 3%	1,15	88 ± 2	150 ± 20%	110% ± 2
80 ± 3%	1,15	90 ± 2	150 ± 20%	110% ± 2
90 ± 3%	1,15	92 ± 2	150 ± 20%	110% ± 2
100 ± 3%	1,15	94 ± 2	150 ± 20%	110% ± 2
120 ± 3%	1,15	96 ± 2	150 ± 20%	110% ± 2
140 ± 3%	1,15	97,5 ± 2	150 ± 20%	110% ± 2
170 ± 3%	1,15	98,5 ± 2	150 ± 20%	110% ± 2
200 ± 4%	1,15	–	150 ± 20%	110% ± 2
250 ± 5%	1,20	–	220 ± 20%	110% ± 2
300 ± 5%	1,22	–	220 ± 20%	110% ± 2
350 ± 5%	1,22	–	220 ± 20%	110% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

LONG-LIFE ISO 9706

HEAVY METAL HM ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

Fedrigoni Arena® Extra White Smooth is excellent for de luxe pubblications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Extra White Smooth can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Extra White Smooth has good chromatic and tone performance. Printing densities, dot gain and printing contrast are at the highest performance levels obtainable from uncoated papers.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI

FEDRIGONI ARENA® EXTRA WHITE ROUGH

description

Wood-free uncoated papers and boards E.C.F. with FSC® certification. Available in the cool new "Extra White" shade. Excellent look-through and cleanliness make this paper ideal for any graphic project. Rational yet elegant, good for texts, pictures, packaging and illustrations, it works with any printing and post-printing process and performs well with any binding and folding technique.

range

size	grain	substance				
64x90	LG	90	120	170	300	
90x64	SG	90	120			
72x102	LG	90	120	140	170	300
102x72	SG	90	120	140	170	300

technical features

ref. standard/instrument
unit of measure

substance	bulk	opacity	roughness	brightness
ISO 536	ISO 534	ISO 2471	ISO 8791-2	ISO 2470
g/m²	cm³/g	%	ml/min	%
90 ± 3%	1,35	92 ± 2	600 ± 20%	110% ± 2
120 ± 3%	1,35	95,5 ± 2	700 ± 20%	110% ± 2
140 ± 3%	1,35	97 ± 2	800 ± 20%	110% ± 2
170 ± 5%	1,38	98 ± 2	900 ± 20%	110% ± 2
300 ± 5%	1,4	−	1200 ± 20%	110% ± 2

Relative Humidity 50% ± 5 ref. TAPPI 502-98

ecological features

FSC www.fsc.org FSC® C015523 The mark of responsible forestry

ELEMENTAL CHLORINE FREE GUARANTEED

ACID FREE

LONG-LIFE ISO 9706

HEAVY METAL ABSENCE CE 94/62

notes

The product is completely biodegradable and recyclable.
Special runs available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

FEDRIGONI

Fedrigoni Arena® Extra White Rough is excellent for de luxe pubblications, diaries, note-books, boxes, greeting cards and announcements, paper binding, envelopes, calendars, catalogues and letterheads.

Fedrigoni Arena® Extra White Rough can be used without problems with the main printing processes: traditional and UV or H-UV offset, embossing, hot foil stamping, screen printing, letterpress. The macro-porous surface works best when using semi-oxidative drying inks. Fedrigoni Arena® Extra White Rough has good chromatic and tone performance.

Varnishing and plastic laminating must be assessed in advance. Varnishing applied with an offset machine is almost fully absorbed and therefore does not improve gloss or protection. Screenprinting varnishing achieves better results, although it's often necessary to perform two runs to achieve best results. The surface roughness, typical of uncoated papers, may give rise to micro defects with plastic laminating caused by incomplete adhesion of the film to the paper. Good results are achieved with major processing operations such as cutting, die-cutting, scoring, folding and gluing.

FEDRIGONI