

Technical Datasheet

supercote

supercote 80

Product description

High gloss, cast coated, premium class paper grade designed specifically for label applications

Features	Printing	Applications
> High smoothness > High gloss surface > Excellent wet gloss retention > Very good ink absorption and quick setting > Very good embossing results > Rough reverse side > Hassle-free labelling	Very good printability with > Offset > Flexo > Gravure	> Wet-glue labels for non-returnable bottles > Food and nonfood container labels > Banderole and wrap-around labels > Face stock for self-adhesive labels

Characteristics	Value	Unit	Test method
Substance	80 ± 4	g/sqm	DIN 53104 Scale
Whiteness Top side	≥ 87	%	DIN 53145 Elrepho 3000
Gloss Top side	≥ 40	%	DIN 67530 20° specific measuring angle
Smoothness Top side	≥ 300	sec	DIN 53107 Bekk
Smoothness Reverse side	≤ 80	sec	DIN 53107 Bekk
Relative humidity	47 ± 7	%	Electronic moisture meter
Tensile strength dry MD	≥ 48	N	DIN 53112 Lorentzen und Wettre
Tensile strength wet MD	≥ 6	N	DIN 53112 Lorentzen FM method: 5 min. rinse
Opacity dry	≥ 86	%	DIN 53145 Elrepho 3000
Cobb test Reverse side	≤ 20	g/sqm	DIN 53132 1 min. continuous measurement
Alkaline wash off time	≤ 30	sec	MPE method: 1% NaOH, 80°C
Testing conditions	50% RH at 23°C		DIN 50014

Certificates	> ISO 9001	> ISO 14001	> ISO 50001
	> FSC® Mix	> PEFC™	> ISEGA

Technical Datasheet

supercote

supercote 80 WS



Product description

Wet strength, high gloss, cast coated, premium class paper grade designed specifically for label applications

Features	Printing	Applications
> High smoothness > High gloss surface > Excellent wet gloss retention > Very good ink absorption and quick setting > Very good embossing results > Rough reverse side > Hassle-free labelling > Wet strength and alkaline resistant	Very good printability with > Offset > Flexo > Gravure	> Wet-glue labels for non-returnable bottles > Food and nonfood container labels > Banderole and wrap-around labels > Face stock for self-adhesive labels

Characteristics	Value	Unit	Test method
Substance	80 ± 4	g/sqm	DIN 53104 Scale
Whiteness Top side	≥ 87	%	DIN 53145 Elrepho 3000
Gloss Top side	≥ 40	%	DIN 67530 20° specific measuring angle
Smoothness Top side	≥ 300	sec	DIN 53107 Bekk
Smoothness Reverse side	≤ 80	sec	DIN 53107 Bekk
Relative humidity	47 ± 7	%	Electronic moisture meter
Tensile strength dry MD	≥ 48	N	DIN 53112 Lorentzen und Wettre
Tensile strength wet MD	≥ 10	N	DIN 53112 Lorentzen FM method: 5 min. rinse
Opacity dry	≥ 89	%	DIN 53145 Elrepho 3000
Opacity wet	≥ 78	%	DIN 53145 FM method: 5 min. rinse
Cobb test Reverse side	≤ 18	g/sqm	DIN 53132 1 min. continuous measurement
Alkaline wash off time	≤ 30	sec	MPE method: 1% NaOH, 80°C
Alkaline resistance	A	A-D	MPE method: 2% NaOH, 80°C
Testing conditions	50% RH at 23°C		DIN 50014

Certificates	> ISO 9001	> ISO 14001	> ISO 50001
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supercote

supercote 90

Product description

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Characteristics	Value	Unit	Test method
Substance	90 ± 5	g/sqm	DIN 53104 Scale
Whiteness Top side	≥ 87	%	DIN 53145 Elrepho 3000
Gloss Top side	≥ 40	%	DIN 67530 20° specific measuring angle
Smoothness Top side	≥ 300	sec	DIN 53107 Bekk
Smoothness Reverse side	≤ 80	sec	DIN 53107 Bekk
Relative humidity	47 ± 7	%	Electronic moisture meter
Tensile strength dry MD	≥ 65	N	DIN 53112 Lorentzen und Wettre
Tensile strength dry CD	≥ 32	N	DIN 53112 Lorentzen und Wettre
Flexural strength MD	≥ 37	mN	DIN 53121
Flexural strength CD	≥ 20	mN	DIN 53121
Opacity dry	≥ 91	%	DIN 53145 Elrepho 3000
Cobb test Reverse side	≤ 20	g/sqm	DIN 53132 1 min. continuous measurement
Testing conditions	50% RH at 23°C		DIN 50014

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Characteristics	Value	Unit	Test method
Substance	90 ± 5	g/sqm	DIN 53104 Scale
Whiteness Top side	≥ 87	%	DIN 53145 Elrepho 3000
Gloss Top side	≥ 40	%	DIN 67530 20° specific measuring angle
Smoothness Top side	≥ 300	sec	DIN 53107 Bekk
Smoothness Reverse side	≤ 80	sec	DIN 53107 Bekk
Relative humidity	47 ± 7	%	Electronic moisture meter
Tensile strength dry MD	≥ 58	N	DIN 53112 Lorentzen und Wettre
Tensile strength wet MD	≥ 10	N	DIN 53112 Lorentzen FM method: 5 min. rinse
Opacity dry	≥ 93	%	DIN 53145 Elrepho 3000
Opacity wet	≥ 81	%	DIN 53145 FM method: 5 min. rinse
Cobb test Reverse side	≤ 18	g/sqm	DIN 53132 1 min. continuous measurement
Alkaline wash off time	≤ 30	sec	MPE method: 1% NaOH, 80°C
Alkaline resistance	A	A-D	MPE method: 2% NaOH, 80°C
Testing conditions	50% RH at 23°C		DIN 50014

Certificates	> ISO 9001	> ISO 14001	> ISO 50001
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August 2021, subject to alterations

Technical Datasheet

supercote

supercote 100

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Characteristics	Value	Unit	Test method
Substance	100 ± 6	g/sqm	DIN 53104 Scale
Whiteness Top side	≥ 87	%	DIN 53145 Elrepho 3000
Gloss Top side	≥ 40	%	DIN 67530 20° specific measuring angle
Smoothness Top side	≥ 300	sec	DIN 53107 Bekk
Smoothness Reverse side	≤ 80	sec	DIN 53107 Bekk
Relative humidity	47 ± 7	%	Electronic moisture meter
Tensile strength dry MD	≥ 65	N	DIN 53112 Lorentzen und Wettre
Tensile strength dry CD	≥ 32	N	DIN 53112 Lorentzen und Wettre
Flexural strength MD	≥ 37	mN	DIN 53121
Flexural strength CD	≥ 20	mN	DIN 53121
Opacity dry	≥ 91	%	DIN 53145 Elrepho 3000
Cobb test Reverse side	≤ 20	g/sqm	DIN 53132 1 min. continuous measurement
Testing conditions	50% RH at 23°C		DIN 50014

Certificates	> ISO 9001	> ISO 14001	> ISO 50001
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August 2021, subject to alterations