

Technical Data Sheet

Advantage Smooth White Gloss

End Use:

Advantage Smooth White Gloss is a calendered kraft paper with high strength and printability. We specially recommend to use it for carrier bags, shoppers, PE coating, form & fill packaging and ream wrapping.

Grammages:

Advantage Smooth White Gloss is available in a basic weight range between 70 and 120 g/m².

Materials:

Advantage Smooth White Gloss is made from bleached, long-fibre sulphate pulp. Bleached

short-fibre sulphate pulp is added to improve optical and surface properties.

Approvals:

Advantage Smooth White Gloss fulfils the German, Dutch, and FDA regulations for papers in contact with foodstuffs.

Certification:

Production Advantage Smooth White Gloss is certified according to the quality management system ISO 9001 and the environmental management system ISO 14001

Properties		Test Method		Typical Values		
Basis Weight	g/m ²	ISO 536		70	75	80
Caliper	µm	ISO 534		91	94	102
Tensile Strength	kN/m	ISO 1924-3	MD CD	7,7 3,7	8,3 4,0	8,8 4,2
Stretch	%	EN ISO 1924-3	MD CD	2,0 7,0	2,0 7,0	2,1 7,0
Tea	J/m ²	EN ISO 1924-3	MD CD	98 161	105 173	120 184
Tear	mN	ISO 1974	MD CD	840 945	900 1013	960 1080
Burst	kPa	ISO 2758		308	330	360
Air Resistance (Gurley)	s	ISO 5636-5		40	40	40
Cobb Print Side	g/m ²	ISO 535		25	25	25
Roughness Bendtsen, Print Side	ml/min	ISO 8791-2		130	130	130
PPS Print Side	µm	ISO 8791-4		3,6	3,6	3,6
Gloss	%	TAPPI 480		23	23	23
Brightness	%	ISO 2470		84	84	84
Opacity	%	ISO 2471		75	76	78
Moisture	%	ISO 287		7	7	7
Validity: 01.01.2020 – 31.12.2020				Test Conditions: ISO 554 – 1976 (23 ± 1°C / 50 ± 2 %)		

MD= Machine Direction CD= Cross Direction

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Properties		Test Method		Typical Values			
Basis Weight	g/m ²	ISO 536		90	100	110	120
Caliper	µm	ISO 534		115	125	138	155
Tensile Strength	kN/m	ISO 1924-3	MD CD	9,9 4,5	10,8 5,0	11,9 5,5	12,6 6,0
Stretch	%	EN ISO 1924-3	MD CD	2,3 7,0	2,4 6,7	2,4 6,5	2,5 6,3
Tea	J/m ²	EN ISO 1924-3	MD CD	144 198	170 210	187 231	204 240
Tear	mN	ISO 1974	MD CD	1080 1215	1300 1450	1485 1650	1620 1860
Burst	kPa	ISO 2758		405	460	506	552
Air Resistance (Gurley)	s	ISO 5636-5		40	40	40	40
Cobb Print Side	g/m ²	ISO 535		25	25	25	25
Roughness Bendsen, Print Side	ml/min	ISO 8791-2		140	140	160	190
PPS Print Side	µm	ISO 8791-4		3,6	3,6	3,8	3,8
Gloss	%	TAPPI 480		22,5	22,5	22,5	22,5
Brightness	%	ISO 2470		84	84	84	84
Opacity	%	ISO 2471		81	83	86	87
Moisture	%	ISO 287		7	7	7	7
Validity: 01.01.2020 – 31.12.2020				Test Conditions: ISO 554 – 1976 (23 ± 1°C / 50 ± 2 %)			

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