

Graphical & Cartonboard from WL Coller

Algro Design Advanced - SBS (GZ)

A double coated top side and light coated reverse side solid bleached board (SBB)
Suitable for all high end luxury packaging and graphic applications.



Printing Processes: Offset, Screen Printing, Flexo

Conversion Process: Lacquering - UV, water based & conventional, foil & film lamination, hot foil stamping & cold foil transfer, embossing, die cutting, creasing, grooving perforating, flock coating, lasercodable

Compliance: Suitable for direct food contact in accordance with recommendation BfR XXXV1
FDA & Austrian food legislation, Taint & Odour neutral
Meets the purity requirements of toy safety (Heavy metal content)

Test climate 23° C, 50% relative humidity, DIN EN 20 187
All rights to improve quality due to technical modifications reserved

Property	Unit	Standard	Target value										
												SAMPLE	
Thickness	µm	ISO 534	181	255	281	323	365	405	435	470			
Basis Weight	g/m²	ISO 536	160	220	240	270	300	330	350	380			
Bending Force (15°/50 MM) MD	mN	ISO 5628 2493	35	110	160	220	300	400	460	520			
Bending Force (15°/50 MM) CD	mN	ISO 5628 2493	15	55	80	115	160	205	230	250			
Bending Moment (15°) MD	mNm	Taber T489-om-92	1.7	5.3	7.7	10.5	14.5	19.3	22.2	25.6			
Bending Moment (15°) CD	mNm	Taber T489-om-92	0.7	2.6	3.9	5.6	7.7	9.9	11.4	13.0			
Bending Stiffness (5°/50 MM) MD	mNm	DIN 53121	3.0	9.7	13	18	27	37	43	52			
Bending Stiffness (5°/50 MM) CD	mNm	DIN 53121	1.5	4.7	6.5	9.2	14	19	23	26			
Brightness (R457) Coated Side	%	ISO 2470-2	101.5										
Whiteness (CIE) Coated Side	%	ISO 11475	132.0										
L-value Coated Side	%	ISO 5631	95.5										
A-value Coated Side	-	ISO 5631	2.0										
B-value Coated Side	-	ISO 5631	-9.0										
Brightness (R457) Uncoated Side	%	ISO 2470-2	98.0										
B-Value Uncoated Side	-	ISO 5631	-8.0										
Surface Roughness Coated Side	µm	ISO 8791/4	1.8										
Moisture content abs.	%	DIN EN ISO 287	5.5										

Stock Range

Revised 07.02.22

Thickness	µm	ISO 534	181	255	281	323	365	405	435	470		
Basis Weight	g/m²	ISO 536	160	220	240	270	300	330	350	380		
Size (mm)		450 x 640 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		520 x 720 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	Mill Held UK Stock
		640 x 900 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		720 x 1020 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	

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