

Graphical & Cartonboard from WL Coller

Klafold - Folding Boxboard with a Kraft reverse



A Triple Coated, multi layered duplex board with a kraft, starch coated reverse offering superior stiffness & printing quality. The outstanding performance of Klafold® is due to its balanced mix of fibres produced with state-of-the-art technology that gives the product excellent structure and yield.

Printing Processes: Suitable for all types of printing, varnish & film lamination

End use Applications: High-end packaging applications, ideal for folding cartons that require structural strength & high performance on filling lines.



Test conditions - Temperature 23°C ± 1° 50% relative humidity ± 2%

Property	Unit	Method		Target value								
Thickness	µm	Microns		288	320	375	393	455	515	555	600	± 5.0%
Basis Weight	g/m ²	GSM		227	233	250	276	285	312	332	360	± 5.0%
Bending Moment Taber 15° MD	mNm	Calculated		9.0	11.1	14.6	18.4	28.7	39.9	48.3	50.7	± 15%
Bending Moment Taber 15° CD	mNm	Calculated		3.4	4.7	6.4	8.4	12.7	17.4	20.4	25.1	± 15%
Bending Resistance	L&W	T556	MD	187	230	303	390	595	825	1000	1050	± 15%
Bending Resistance	L&W	T556	CD	71	98	132	173	262	360	422	520	± 15%
Color	L	ISO5631-2		93								± 0.7
	a*			0.0								± 0.25
	b*			2								± 0.5
Roughness PPS Avg Top	mL/min	ISO 8791-2		100.0								≤300
Cobb 120	gH2O/m ²	T-441		40								± 40%
Scott Ply-Bond	j/m ²			Min Value 125 - 140								
Moisture Content	%	on line		Nominal: 7,5. Min: 5,5. Max: 9,5. (600 mic =								

Additional Mill Weights

Thickness	µm	Microns		288	320	375	393	455	515	555	600	± 5%
Basis Weight	g/m ²	GSM		227	233	250	276	285	312	332	360	± 5%

Stock Range

Thickness	µm	ISO 534		288	320	375	393	455	515	555	600	
Basis Weight	g/m ²	ISO 536		227	233	250	276	285	312	332	360	
Size (mm)		450 x 640 mm										✓ = Mill Held UK Stock
		520 x 720 mm										
		640 x 900 mm										
		900 x 640 mm										
		720 x 1020 mm					✓	✓	✓	✓	✓	
		1020 x 720 mm						✓	✓	✓	✓	

Certification & Compliances

Manufacturing, Quality, Environment & Safety	FSC, ISO 9001, ISO 14001 & ISO 45001
Regulatory	REACH, FDA
Food Contact	ISEGA, FDA, CFR 21

