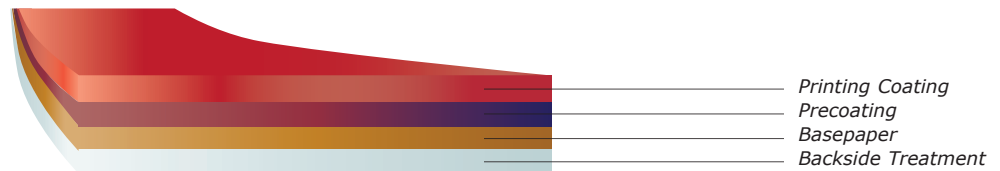


Koehler NexCoat® Smart

Technical Datasheet

Layer:



Description: Premium one-side coated glossy paper for an extensive range of flexible packaging applications

Applications: Various applications in flexible packaging such as bags and pouches

Format: Reel

- Features & Benefits:**
- High whiteness
 - No optical brighteners
 - Smooth surface
 - Suitable for metallizing, laminating and extrusion
 - High flex-crack resistance
 - Good lay flat properties
 - High dimensional stability
 - Suitable for direct food contact
 - Excellent ink and laquer hold out
 - Good embossing properties
 - Excellent runability on converting and packaging lines

Printing: Especially suitable for rotogravure and flexo printing

Product specifications:	Standards	Unit									
Substance*	ISO 536	gsm	40	45	50	55	60	70	80	90	
Thickness	ISO 534	µm	36	40	43	48	52	61	71	81	
Opacity	ISO 2471	%	69	71	76	78	81	83	88	91	
Whiteness R 457	TS ISO 2470	%	80	80	80	80	80	80	80	80	
Roughness PPS	TS ISO 8791-4	µm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	BS ISO 8791-4	µm	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
Gloss Tappi 75°	TS ISO 8254-1	%	77	77	77	77	77	77	77	77	
Tensile Strength	MD ISO 1924-2	N/15 mm	≥ 35	≥ 40	≥ 45	≥ 50	≥ 54	≥ 58	≥ 62	≥ 66	
	CD ISO 1924-2	N/15 mm	≥ 16	≥ 18	≥ 20	≥ 23	≥ 28	≥ 32	≥ 38	≥ 44	
Elongation	MD ISO 1924-2	%	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	
	CD ISO 1924-2	%	≥ 5.0	≥ 5.0	≥ 5.0	≥ 4.5	≥ 4.5	≥ 4.5	≥ 4.5	≥ 3.5	
Bursting Strength Mullen	ISO 2758	kPa	≥ 65	≥ 75	≥ 85	≥ 95	≥ 105	≥ 145	≥ 180	≥ 200	

* other grammatures on request

Technical values are informative and subject to production variations. Responsibility for testing the suitability of the product for specific application lies with the purchaser.

Planned certificates: BfR Food Certificate, FDA Food Certificate, FSC® Chain-of-Custody