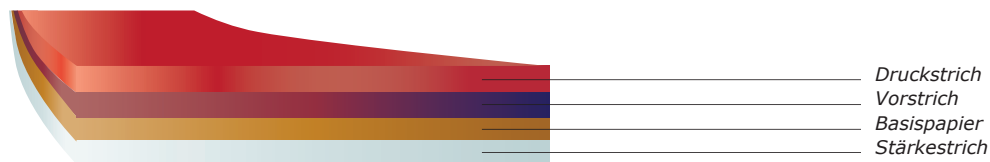


Koehler NexCoat® Smart

Technical Datasheet

Layer:



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

Application: 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
 - 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:	Standard	Unit									
Substance	ISO 536	gsm	40	45	50	55	60	70	80	90	
Thickness	ISO 534	µm	36	40	44	48	52	62	72	81	
Opacity	ISO 2471	%	69	74	76	80	83	85	88	91	
Whiteness R 457	TS	ISO 2470	%	82	82	82	82	82	82	82	82
	BS	ISO 8791-4	µm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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	%	72	74	74	74	74	74	74	74
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	≥ 4.5	≥ 4.5	≥ 4.5	≥ 4.5	≥ 4.5	≥ 3.5
Bursting Strength Mullen	ISO 2758	kPa	≥ 90	≥ 100	≥ 110	≥ 120	≥ 130	≥ 150	≥ 170	≥ 190	

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

Provided suitable and industry-standard storage conditions in the original packaging (dry room climate / adequately protected from cross-contamination), Koehler guarantees the specified mechanical properties for a period of 12 months from the date of shipment ex works