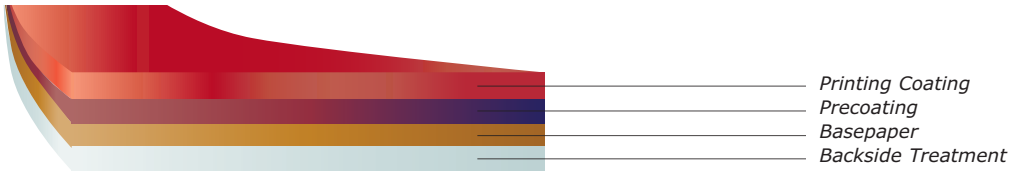
Koehler PAPER GROUP

Koehler NexCoat® Smart

Preliminary product data sheet

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
- Without OBA
- High smoothness
- High flex-crack resistance
- Suitable for metallizing, laminating and extrusion
- Good embossing properties
- High dimensional stability
- Good flatness
- Suitable for direct food contact
- Excellent printing properties and brilliant lacquer hold out
- Excellent runabilty 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	45	49	54	63	72	81
Brightness R 457	OS	ISO 2470	%	84	84	84	84	84	84	84	84
Roughness PPS		ISO 8791-4	µm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Opacity		ISO 2471	%	69.0	73.0	76.0	79.0	81.0	83.0	85.0	86.0
Gloss Tappi 75°		ISO 8254-1	%	70.0	70.0	71.0	71.0	72.0	72.0	72.0	72.0
Tensile Strength	MD	ISO 1924-1	N/15 mm	35	40	45	50	54	58	62	66
	CD	ISO 1924-1	N/15 mm	16	18	20	23	25	28	32	35
Elongation	MD	ISO 1924-1	%	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	CD	ISO 1924-1	%	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Bursting Strength Mullen		ISO 2758	kPa	65	75	85	95	105	145	180	200

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, ISO 14001, ISO 9001, ISO 22000

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