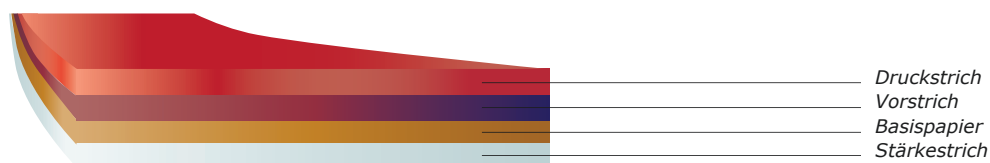


Koehler NexCoat® Smart Arctic White

Technical Datasheet

Layer:



Description: Premium one-side coated glossy paper for an extensive range of flexible packaging applications with a fresh strong whiteness.

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
 - Suitable for direct food contact (according to Declaration of Compliance)
 - 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	50	60
Thickness		ISO 534	µm	43	52
Opacity		ISO 2471	%	79	81
Whiteness R 457	TS	ISO 2470	%	79	79
Roughness PPS	TS	ISO 8791-4	µm	0.7	0.7
	BS	ISO 8791-4	µm	3.3	3.3
Gloss Tappi 75°	TS	ISO 8254-1	%	77	77
Tensile Strength	MD	ISO 1924-2	N/15 mm	≥ 45	≥ 54
	CD	ISO 1924-2	N/15 mm	≥ 20	≥ 25
Elongation	MD	ISO 1924-2	%	≥ 1.5	≥ 1.5
	CD	ISO 1924-2	%	≥ 5.0	≥ 4.5
Bursting Strength Mullen		ISO 2758	kPa	≥ 85	≥ 105

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

Certificates: BfR Food Certificate, FDA Food Certificate, FSC® Chain-of-Custody, PEFC™, ISO 22000