Koehler PAPER

Koehler NexPlus® Seal Pure

Technical Datasheet

Description:	Heat-sealable paper for flexible packaging made of virgin fiber pulp
Application:	Various applications as secondary packaging and primary packaging
Format:	Reel

Features & Benefits:
- High whiteness
- No optical brighteners
- Smooth surface
- High flex-crack resistance
- Excellent strength properties
- Natural appearance and feel
- 100% virgin fiber pulp
- Excellent ink and laquer hold out
- Excellent running properties on packaging and converting lines
- Recyclable in the paper waste stream

Printing: Especially suitable for flexo-, rotogravure and digital printing

Product specifications:		Standard	Unit				
Substance		ISO 536	gsm	40	45	65	80
Thickness		ISO 534	µm	48	51	73	88
Whiteness R 457	TS	ISO 2470	%	83	84	85	86
Tensile Strength	MD	ISO 1924-2	N/15 mm	≥ 48	≥ 54	≥ 70	≥ 85
	CD	ISO 1924-2	N/15 mm	≥ 28	≥ 30	≥ 45	≥ 50
Elongation	MD	ISO 1924-2	%	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5
	CD	ISO 1924-2	%	≥ 4.2	≥ 4.2	≥ 4.2	≥ 4.2
Bursting Strength Mullen		ISO 2758	kPa	≥ 130	≥ 140	≥ 250	≥ 290

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

Cold Tack N/15mm ASTM F88

Sealed at: 0.3 s and 3.3 bar

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