

Koehler NexPure® Smart

Technical Datasheet

- Description:** Uncoated MG kraft paper with smooth top side and rough reverse side
- Application:** Suitable for a variety of flexible packaging products e.g. in the confectionary for chewing gum wraps
- Format:** Reel
- Features & Benefits:**
- No optical brighteners
 - Suitable for PE extrusion
 - Suitable for lamination with aluminum foil or plastic film
 - Excellent lamination and extrusion properties
 - High dimensional stability
 - Natural appearance and feel
 - Excellent process reliability
- Printing:** Especially suitable for rotogravure and flexo printing

Product specifications:	Standard	Unit										
Substance	ISO 536	gsm	22	25	30	35	40	45	50	60	70	80
Thickness	ISO 534	µm	32	35	43	45	50	56	62	71	81	98
Whiteness R 457	TS ISO 2471	%	83	84	86	86	86	86	86	86	86	86
Roughness PPS	TS ISO 8791-4	µm	3.8	3.8	3.8	3.8	3.8	4.1	4.1	4.1	4.1	4.1
	BS ISO 8791-4	µm	7	7	7	7	7	7	7	7	7	7
Tensile Strength	MD ISO 1924-2	N/15 mm	≥ 24	≥ 28	≥ 32	≥ 36	≥ 40	≥ 44	≥ 48	≥ 56	≥ 62	≥ 64
	CD ISO 1924-2	N/15 mm	≥ 10	≥ 12	≥ 15	≥ 17	≥ 20	≥ 24	≥ 26	≥ 28	≥ 32	≥ 36
Elongation	MD ISO 1924-2	%	≥ 1.3	≥ 1.3	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5
	CD ISO 1924-2	%	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5	≥ 3.5
Bursting Strength Mullen	ISO 2758	kPa	≥ 60	≥ 70	≥ 85	≥ 100	≥ 110	≥ 120	≥ 130	≥ 130	≥ 150	≥ 170

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