

Koehler NexPure® Smart

Technical Datasheet

- Description:** Uncoated MG kraft paper with smooth top side and rough reverse side
- Applications:** 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
 - Suitable for direct food contact
 - 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	31	34	40	44	50	55	60	71	81	98	
Whiteness R 457 TS	ISO 2470	%	83	84	84	84	85	85	85	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	≥ 18	≥ 22	≥ 28	≥ 32	≥ 45	≥ 50	≥ 54	≥ 58	≥ 62	≥ 66
	CD	ISO 1924-2	N/15 mm	≥ 10	≥ 12	≥ 15	≥ 17	≥ 20	≥ 25	≥ 25	≥ 28	≥ 32	≥ 36
Elongation	MD	ISO 1924-2	%	≥ 1,5	≥ 1,5	≥ 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	≥ 55	≥ 60	≥ 85	≥ 100	≥ 140	≥ 150	≥ 160	≥ 170	≥ 180	≥ 190	

* other grammatures on request

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