



## Koehler NexPure® Smart

Preliminary product data sheet

- 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:**
- Suitable for lamination with aluminum foil or plastic film
  - Suitable for PE extrusion
  - Without OBA
  - Suitable for direct food contact
  - High dimensional stability
  - Excellent lamination and extrusion properties
  - Natural appearance and feel
- 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	26	30	36	42	48	54	60	72	84	96
Whiteness R 457	OS	ISO 2470	%	85	85	85	85	85	85	85	85	85	85
Roughness PPS	TS	ISO 8791-4	µm	2.5	2.6	2.8	3.1	3.3	3.6	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	längs	ISO 1924-1	N/15 mm	18	22	28	32	45	50	54	58	62	66
	quer	ISO 1924-1	N/15 mm	10	12	15	17	20	23	25	28	32	36
Elongation	längs	ISO 1924-1	%	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	quer	ISO 1924-1	%	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	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