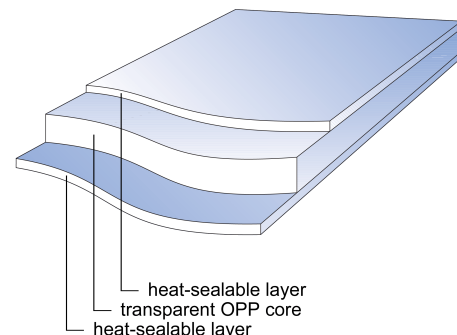


DESCRIPTION

GEA is a transparent, two-side heat-sealable OPP film for overwrapping. Its tailored slip properties make it particularly suitable for high-speed overwrapping applications. GEA is only available in an untreated version.

PRODUCT FEATURES

- Transparent and excellent gloss
- Tailored slip for high-speed overwrapping
- Good anti-static properties
- High heat-seal strength
- Low water vapour permeability



TECHNICAL DATA (typical values)

Properties	GEA 20	GEA 25	Unit	Measuring method
Unit weight	18.2	22.7	g/m ²	ISO 4591
Average yield	54.9	44.0	m ² /kg	ISO 4591
Tensile strength				
- machine direction	150	150	N/mm ²	DIN EN ISO 527-1/-3
- transverse direction	310	310	N/mm ²	DIN EN ISO 527-1/-3
Elongation at break				
- machine direction	170	170	%	DIN EN ISO 527-1/-3
- transverse direction	60	60	%	DIN EN ISO 527-1/-3
Heat-seal strength	1.5	1.5	N/15mm	Treofan
Heat-seal range				
- (untreated)	120-140	120-140	°C	Treofan
Coefficient of friction				
- (film/film) (dynamic)	0.4	0.4	-	DIN ISO 8295
Gloss				
- at 20°	100	100	%	DIN ISO 2813
Haze	2.0	2.0	%	ASTM D 1003
Water vapour permeability				
- 23°C / 85% r.h.	1.1	1.1	g/(m ² d) ±10%	ASTM F 1249
- 38°C / 90% r.h.	6.8	5.5	g/(m ² d) ±10%	ASTM F 1249

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The figures and data provided in this datasheet are consistent with the current state of our knowledge and are intended to provide general information about our products and their applications. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications. Any existing commercial rights or patents must be observed.

Certified according to DIN EN ISO 9001:2000. Compliance with industrial health and safety standards. Treofan OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health and safety regulations are observed. Relevant guidelines can be found in our safety information.