

BRALEN® NA 7-25

Low Density Polyethylene

Slovnaft Petrochemicals, s.r.o.

Message:

BRALEN NA 7-25 is a low density polyethylene intended mainly for extrusion coating. This grade is additives free.

Applications BRALEN NA 7-25 is designed for paper, aluminium and textile extrusion coating. Minimal recommended coat thickness is 10 g/m². The materials treated in this way are suited for packaging of various goods. The low density polyethylene layer offers an advantage of heat sealing. This grade is suitable also for injection moulding of general purpose goods, technical items and toys.

BRALEN NA 7-25 can be used also in mixtures with PP for extrusion coating of PP fabrics, which are intended to be used for big-bags.

BRALEN NA 7-25 is suitable for food contact. The product complies with Food Contact Regulations. The grade is suitable for manufacturing of pharmaceutical packaging-product.

General Information			
Features	Recyclable materials		
	Good heat sealability		
	Compliance of Food Exposure		
	No additive		
Uses	Foil Coatings		
	Packaging		
	Coating application		
	Drug packaging		
	Fabric coating		
	Paper coating		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ISO 1183/C
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	42		ISO 868
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	µm	
Tensile Strength			ISO 527-3
MD: 40 µm, blown film	17.0	MPa	ISO 527-3
TD: 40 µm, blown film	16.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
MD: Broken, 40 µm, blown film	300	%	ISO 527-3
TD: Broken, 40 µm, blown film	500	%	ISO 527-3
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	88.0	°C	ISO 306/A50
Extrusion	Nominal Value	Unit	
Melt Temperature	190 - 330	°C	

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Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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