

Ipethene® 470

Low Density Polyethylene

Carmel Olefins Ltd.

Message:

IPETHENE® 470 is a low density polyethylene extrusion coating and lamination grade, produced by high pressure autoclave technology. The material has good draw-down ability with low neck-in and stable web properties. This grade has low gel level and it exhibits excellent sealability with good moisture barrier properties, good adhesion to various substrates and very good organoleptic properties.

General Information			
Features	Good Adhesion		
	Good Drawdown		
	Good Organoleptic Properties		
	Low Density		
	Low Gel		
	Low Neck-In		
	Moisture Barrier		
Uses	Cable Jacketing		
	Coating Applications		
	Foil Coatings		
	Food Packaging		
	Masterbatch		
	Packaging		
	Paper Coatings		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Processing Method	Extrusion Coating		
	Laminating		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	47		ISO 868
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.0	°C	ISO 306
Melting Temperature ¹	107	°C	ISO 11357-3
Extrusion	Nominal Value	Unit	
Melt Temperature	260 to 330	°C	

NOTE

1. By DSC

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

