

Ipethene® 670

Low Density Polyethylene

Carmel Olefins Ltd.

Message:

IPETHENE ® 670 is a low density polyethylene extrusion coating and lamination grade, produced by high pressure autoclave technology. The material can be processed at high speeds due to its excellent draw-down and web stability properties, with low neck-in. 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		
	Good Processability		
	Low Density		
	Low Gel		
	Low Neck-In		
	Moisture Barrier		
Uses	Coating Applications		
	Film		
	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	0.917	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	45		ISO 868
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°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	

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Recommended distributors for this material

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