

Technical Data

Product Description

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

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Availability	• Africa & Middle East	• Asia Pacific	• Europe
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 ³	107 °C	ISO 11357-3

Extrusion	Nominal Value Unit
Melt Temperature	260 to 330 °C

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ By DSC

