

Petroquimica Triunfo Trithene® JX 7300 LDPE - Injection Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

The Trithene® JX 7300 resin is a low-density polyethylene (LDPE) with outstanding flow ability and flexibility. Those attributes are especially important to meet the requirements for fast injection cycles and thin wall parts. This product complies with ASTM standard D1248-IA1. Applications: Lids, covers and caps for frozen food storage. Housewares. Toys and decorative items. Production of Master Batch for dyeing and concentrate of additives such as slip agent, anti-block, anti-static, etc. Resin Properties: Compressed molded plate. Method ASTM D-1928, procedure C. Information provided by Dax Resinas

Order this product through the following link:

http://www.lookpolymers.com/polymer_Petroquimica-Triunfo-Trithene-JX-7300-LDPE-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.915 - 0.919 g/cc	0.0331 - 0.0332 lb/in ³	ASTM D1505
Melt Index of Compound	25 - 35 g/10 min @Load 2.16 kg, Temperature 190 °C	25 - 35 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	7.00 MPa	1020 psi	ASTM D638
Tensile Strength, Yield	9.00 MPa	1310 psi	ASTM D638
Elongation at Break	120 %	120 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	108 °C	226 °F	ASTM D3418
Vicat Softening Point	78.0 °C	172 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Feed Temperature	170 - 210 °C	338 - 410 °F	
Die Cooling Temperature	25.0 - 45.0 °C	77.0 - 113 °F	

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