

Petroquimica Triunfo Trithene® SX 7012 LDPE - Blow Molding

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

Material Notes:

The Trithene SX 7012 resin is a low density polyethylene (LDPE) with medium molecular weight which allows the production of flasks with an adequate combination of mechanical and impact strength, flexibility, and good stress cracking resistance -ESCR. Its easy processability also allows high moulding productivity, thickness control, and excellent surface appearance. There are no other components or additives included in this product formulation. Therefore there is no restriction for this product to be in contact with medical or pharmaceutical goods and other products that demand high packing purity. This product complies with ASTM standard D1248-IA3 and the requirements of The United States Pharmacopeia - Phisico-Chemical Tests Plastics, to contact with pharmaceutical goods. Applications: Flexible flasks for medical and pharmaceutical goods, small and medium size semi-stiff and transparent containers requiring no sterilization. Depending on processing condition, can be sterilized at temperatures lower than 110 °C. 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-SX-7012-LDPE-Blow-Molding.php

Physical Properties	Metric	English	Comments
Density	0.921 - 0.923 g/cc	0.0333 - 0.0333 lb/in³	ASTM D1505
Melt Index of Compound	1.0 - 4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 - 4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	ASTM D2240
Tensile Strength at Break	12.0 MPa	1740 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Elongation at Break	490 %	490 %	ASTM D638
Secant Modulus	0.128 GPa	18.6 ksi	5%; ASTM-D638

Thermal Properties	Metric	English	Comments
Melting Point	111 °C	232 °F	ASTM D3418
Vicat Softening Point	91.0 °C	196 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	165 - 175 °C	329 - 347 °F	
Mold Temperature	15.0 - 15.0 °C	59.0 - 59.0 °F	(close to)

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China