

## Petroquimica Triunfo Trithene® SX 7010 LDPE - Blow Molding

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

**Material Notes:**

The Trithene® SX 7010 resin is a medium molecular weight, low-density polyethylene (LDPE) 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 molding productivity, thickness control, and excellent surface appearance. Trithene® SX 7010 resin exhibits good chemical resistance with wide range of chemicals and solvents at room temperature. This product complies with ASTM standard D1248-IA4. Applications: Semi-rigid small containers designed for packing of household products such as bleach, deodorant, cosmetics, or any aggressive or non-aggressive products. Toys. 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-7010-LDPE-Blow-Molding.php](http://www.lookpolymers.com/polymer_Petroquimica-Triunfo-Trithene-SX-7010-LDPE-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.921 - 0.924 g/cc	0.0333 - 0.0334 lb/in <sup>3</sup>	ASTM D1505
Melt Index of Compound	0.80 - 1.2 g/10 min @Load 2.16 kg, Temperature 190 °C	0.80 - 1.2 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	12.5 MPa	1810 psi	ASTM D638
Tensile Strength, Yield	10.0 MPa	1450 psi	ASTM D638
Elongation at Break	500 %	500 %	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

Processing Properties	Metric	English	Comments
Mold Temperature	15.0 - 15.0 °C	59.0 - 59.0 °F	(close to)

### Contact Songhan Plastic Technology Co.,Ltd.

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