

Polymer Industries Densetec LDPE Sheet

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Polymer Industries Densetec LDPE is a material that's soft, flexible, and tough, even at low temperatures. Because of the fact that Densetec LDPE has very good formability traits and is very pliable, making it the ideal material for the orthotics and prosthetics industry. Densetec LDPE has very good chemical resistance and low moisture absorption which makes it ideal for the chemical industry. Densetec LDPE also has exceptional environmental stress crack resistance properties. Information provided by Polymer Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polymer-Industries-Densetec-LDPE-Sheet.php

Physical Properties	Metric	English	Comments
Density	0.924 g/cc	0.0334 lb/in ³	ASTM D1505
ESCR 10% Igepal®	>= 1500 hour	>= 1500 hour	F50 Conditions C & B; ASTM D1693
Melt Index of Compound	15 g/10 min @Load 2.16 kg, Temperature 190 °C	15 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 700 %	>= 700 %	2in (50mm) per min.; ASTM D638
Flexural Modulus	0.480 GPa	69.6 ksi	ASTM D790

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