

SIDPEC EGYPTENE[®] HD 5740 UA HDPE Injection Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Applications: Large dustbins and pails
 Pallet boxes
 Fish crates
 Technical molding
 Information provided by Interchim s.r.l., official distributor of Sidi Kerir Petrochemicals Co. (SIDPEC) Products

Order this product through the following link:

http://www.lookpolymers.com/polymer_SIDPEC-EGYPTENE-HD-5740-UA-HDPE-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.957 g/cc	0.0346 lb/in ³	ISO 1872/1
ESCR, Bottle	>= 50 hour @Temperature 23.0 Â°C	>= 50 hour @Temperature 73.4 Â°F	F _{>50</sub>; ASTM D1693}
Melt Flow	4.0 g/10 min @Load 2.16 kg	4.0 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.0 MPa	3920 psi	BP 13B/1
Elongation at Break	1000 %	1000 %	BP 13B/1
Flexural Modulus	1.25 GPa	181 ksi	ISO 178-1975
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	ISO 179

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