

SIDPEC EGYPTENE® HD 6070 UA HDPE Injection Molding

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

Material Notes:

Applications: Crates, Boxes, Seats, Pallets. 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-6070-UA-HDPE-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ISO 1872/1
ESCR, Bottle	55 hour @Temperature 23.0 °C	55 hour @Temperature 73.4 °F	F ₅₀ ; ASTM D1693
Melt Flow	7.5 g/10 min @Load 2.16 kg	7.5 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	BP 13B/1
Elongation at Break	>= 1000 %	>= 1000 %	BP 13B/1
Flexural Modulus	1.40 GPa	203 ksi	ISO 178-1975
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	ISO 179

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