

SIDPEC EGYPTENE[®] HD 3840 UA MDPE Rotational Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Medium Density Polyethylene (MDPE), Rotational Molded

Material Notes:

Applications: Rotational items: tanks, containers, etc... Injection molded technical parts and closure
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-3840-UA-MDPE-Rotational-Molding.php

Physical Properties	Metric	English	Comments
Density	0.938 g/cc	0.0339 lb/in ³	ISO 1872/1
Environmental Stress Crack Resistance	200 hour	200 hour	F50; BP 13C/25
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	18.0 MPa	2610 psi	BP 13B/1
Elongation at Break	1400 %	1400 %	BP 13B/1
Flexural Modulus	0.650 GPa	94.3 ksi	ISO 178-1975
Charpy Impact, Notched	2.00 J/cm ²	9.52 ft-lb/in ²	ISO 179

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