

SIDPEC EGYPTENE® HD 5813 EA HDPE Injection Molding

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

Material Notes:

Applications: Crate, Aerosol caps, House wares. 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-5813-EA-HDPE-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	0.958 g/cc	0.0346 lb/in ³	ISO 1872/1
Environmental Stress Crack Resistance	50 hour @Temperature 23.0 °C	50 hour @Temperature 73.4 °F	F ₅₀ ; ASTM D1693
Melt Flow	13 g/10 min @Load 2.16 kg	13 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	BP 13B/1
Elongation at Break	>= 1000 %	>= 1000 %	BP 13B/1
Flexural Modulus	1.10 GPa	160 ksi	ISO 178-1975
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	ISO 179

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