

SIDPEC EGYPTENE[®] HD 5420 GA HDPE Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE) , Blow Molding Grade

Material Notes:

Applications: Large blow molded containers for applications which require maximum toughness 220 liter drums for chemicals
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-5420-GA-HDPE-Blow-Molding.php

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in ³	ISO 1872/1
ESCR, Bottle	>= 200 hour @Temperature 50.0 Å°C	>= 200 hour @Temperature 122 Å°F	BP 13C/25
Melt Flow	0.010 g/10 min @Load 2.16 kg	0.010 g/10 min @Load 4.76 lb	ISO 1133
High Load Melt Index	2.0 g/10 min @Load 21.6 kg	2.0 g/10 min @Load 47.6 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	BP 13B/1
Elongation at Break	870 %	870 %	BP 13B/1
Flexural Modulus	1.10 GPa	160 ksi	ISO 178-1975
Charpy Impact, Notched	NB	NB	ISO 179

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