

**SIDPEC EGYPTENE<sup>®</sup> HD 5403 EA HDPE Blow Molding**

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

**Material Notes:**

Applications: Blow molded containers up to 30 liters for packaging Chemicals Household products Oils and foodstuffs 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-5403-EA-HDPE-Blow-Molding.php](http://www.lookpolymers.com/polymer_SIDPEC-EGYPTENE-HD-5403-EA-HDPE-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in <sup>3</sup>	ISO 1872/1
ESCR, Bottle	15 hour @Temperature 50.0 °C	15 hour @Temperature 122 °F	BP 13C/25
Melt Flow	0.35 g/10 min @Load 2.16 kg	0.35 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	BP 13B/1
Elongation at Break	950 %	950 %	BP 13B/1
Flexural Modulus	1.07 GPa	155 ksi	ISO 178-1975
Impact	2.4	2.4	M, F50; BP 13B/11

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