

## SIDPEC EGYPTENE<sup>®</sup> HD 5218 EA HDPE Injection Molding

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

### Material Notes:

Applications:House waresThin-walled food containersPET bottle base cupInformation 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-5218-EA-HDPE-Injection-Molding.php](http://www.lookpolymers.com/polymer_SIDPEC-EGYPTENE-HD-5218-EA-HDPE-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ISO 1872/1
Melt Flow	18 g/10 min @Load 2.16 kg	18 g/10 min @Load 4.76 lb	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.0 MPa	3920 psi	BP 13B/1
Elongation at Break	>= 1000 %	>= 1000 %	BP 13B/1
Flexural Modulus	1.05 GPa	152 ksi	ISO 178-1975
Charpy Impact, Notched	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 179

Thermal Properties	Metric	English	Comments
Vicat Softening Point	123 °C	253 °F	ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

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