

## SIDPEC EGYPTENE® HD 5211 EA HDPE Injection Molding

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

### Material Notes:

Applications: Paint pails Bottle caps House wares Toys 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-5211-EA-HDPE-Injection-Molding.php](http://www.lookpolymers.com/polymer_SIDPEC-EGYPTENE-HD-5211-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                   |
| Environmental Stress Crack Resistance | 50 hour<br>@Temperature 23.0<br>°C | 50 hour<br>@Temperature 73.4 °F | F <sub>50</sub> ; ASTM D1693 |
| Melt Flow                             | 11 g/10 min<br>@Load 2.16 kg       | 11 g/10 min<br>@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        | 1.15 GPa                | 167 ksi                    | ISO 178-1975 |
| Charpy Impact, Notched  | 0.500 J/cm <sup>2</sup> | 2.38 ft-lb/in <sup>2</sup> | ISO 179      |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China