

## Braskem JV 060U HDPE Injection Molding Polyethylene

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

**Material Notes:**

Applications: Caps, crates for industrial, transportation or fishing uses, industrial pails, stands and pallets, refuse containers; bottle cases, safety helmets, cages for poultry transportation and sporting goods. Information provided by Braskem

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-JV-060U-HDPE-Injection-Molding-Polyethylene.php](http://www.lookpolymers.com/polymer_Braskem-JV-060U-HDPE-Injection-Molding-Polyethylene.php)

| Physical Properties | Metric   | English   | Comments                                |
|---------------------|--|---|---|
| Density             | 0.957 g/cc   | 0.0346 lb/in <sup>3</sup>                               | ASTM D1505                              |
| ESCR 100% Igepal®   | 2.5 hour<br>@Thickness 3.00 mm,<br>Temperature 23.0 °C | 2.5 hour<br>@Thickness 0.118 in,<br>Temperature 73.4 °F | compression molded plaques; ASTM D1693B |
| Melt Flow           | 7.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C   | 7.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F    | ASTM D1238                              |

| Mechanical Properties   | Metric     | English       | Comments   |
|-------------------------|------------|---------------|------------|
| Hardness, Shore D       | 65         | 65            | ASTM D2240 |
| Tensile Strength, Yield | 26.0 MPa   | 3770 psi      | ASTM D638  |
| Flexural Modulus        | 1.30 GPa   | 189 ksi       | ASTM D790  |
| Izod Impact, Notched    | 0.550 J/cm | 1.03 ft-lb/in | ASTM D256  |

| Thermal Properties                          | Metric  | English | Comments   |
|---|---------|---------|------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 71.0 °C | 160 °F  | ASTM D648  |
| Vicat Softening Point                       | 125 °C  | 257 °F  | ASTM D1525 |

## 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