

## Hyosung Topilene HJ640A PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

**Material Notes:**

HJ640A Impact Copolymer  
 Applications: Compounding Electric appliance Automobile parts  
 Characteristics: High stiffness Heat resistance Medium impact  
 Information provided by Hyosung Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hyosung-Topilene-HJ640A-PP.php](http://www.lookpolymers.com/polymer_Hyosung-Topilene-HJ640A-PP.php)

| Physical Properties | Metric      | English                   | Comments   |
|---------------------|-------------|---------------------------|------------|
| Density             | 0.910 g/cc  | 0.0329 lb/in <sup>3</sup> | ASTM D792  |
| Melt Flow           | 18 g/10 min | 18 g/10 min               | ASTM D1238 |

| Mechanical Properties   | Metric                                  | English                                 | Comments  |
|-------------------------|---|---|-----------|
| Hardness, Rockwell R    | 99                                      | 99                                      | ASTM D785 |
| Tensile Strength, Yield | 32.4 MPa                                | 4690 psi                                | ASTM D638 |
| Flexural Modulus        | 1.72 GPa                                | 249 ksi                                 | ASTM D790 |
| Izod Impact, Unnotched  | 0.912 J/cm                              | 1.71 ft-lb/in                           | ASTM D256 |
|                         | 0.520 J/cm<br>@Temperature -10.0<br>Â°C | 0.974 ft-lb/in<br>@Temperature 14.0 Â°F | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 130 Â°C | 266 Â°F | ASTM D648 |

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