

Hyosung Topilene B240 PP

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

Material Notes:

B240 Extrusion Impact Copolymer Applications: Corrugated sheet Thick sheet Characteristics: High impact Information provided by Hyosung Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hyosung-Topilene-B240-PP.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------|---------------|------------|
| Melt Flow | 0.40 g/10 min | 0.40 g/10 min | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|---|--|-----------|
| Hardness, Rockwell R | 65 | 65 | ASTM D785 |
| Tensile Strength, Yield | 28.4 MPa | 4120 psi | ASTM D638 |
| Elongation at Break | 500 % | 500 % | ASTM D638 |
| Flexural Modulus | 1.18 GPa | 171 ksi | ASTM D790 |
| Izod Impact, Unnotched | NB | NB | ASTM D256 |
| | 0.588 J/cm @Temperature -10.0 Â°C | 1.10 ft-lb/in @Temperature 14.0 Â°F | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|------------|
| Deflection Temperature at 0.46 MPa (66 psi) | 100 Â°C | 212 Â°F | ASTM D648 |
| Vicat Softening Point | 145 Â°C | 293 Â°F | ASTM D1525 |

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