

Braskem ZS-751 Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Description: Superior stiffness, good static charge dissipation, excellent mold release, nucleated. Applications: Suggested uses include closures, overcaps, cosmetic packaging, disposable cutlery. Process: Injection Molding. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by FDA – Food and Drugs Administration. The additives present are covered in appropriate regulation by FDA. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-ZS-751-Homopolymer-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|------------|
| Melt Flow | 22 g/10 min @Load 2.16 kg, Temperature 230 °C | 22 g/10 min @Load 4.76 lb, Temperature 446 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|----------------|-------------------------------------|
| Tensile Strength | 37.9 MPa | 5500 psi | 2 in/min; ASTM D638 |
| Elongation at Yield | 13.7 % | 13.7 % | 2 in/min; ASTM D638 |
| Flexural Modulus | 1.86 GPa | 270 ksi | 0.05 in/min, 1% secant; ASTM D-790A |
| Izod Impact, Notched | 0.214 J/cm | 0.400 ft-lb/in | ASTM D256A |

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