

Braskem MV-501 Impact Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Description: Long term heat stability, nucleated, excellent processability. Applications: Suggested uses include compounding, thin-walled injection molding. Process: Injection Molding. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by the Food and Drug 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-MV-501-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	38 g/10 min @Load 2.16 kg, Temperature 230 °C	38 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	26.9 MPa	3900 psi	2 in/min; ASTM D638
Elongation at Yield	13 %	13 %	2 in/min; ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.587 J/cm	1.10 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	ASTM D648B

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