

Braskem FPT300F Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Description: Good mold release, excellent part finish (low bloom). Applications: Suggested uses include housewares, caps and closures, mugs / cups, thin-walled containers. 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-FPT300F-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 230 °C	30 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	104	104	ASTM D785
Tensile Strength	33.1 MPa	4800 psi	2 in/min; ASTM D638
Elongation at Yield	10 %	10 %	2 in/min; ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D256A

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