

## Braskem TI4015F Impact Copolymer Polypropylene

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

### Material Notes:

Description: Superior balance of stiffness and impact strength. Applications: Suggested uses include extrusion applications requiring good impact strength. Process: Extrusion. 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-TI4015F-Impact-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-TI4015F-Impact-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Melt Flow	1.6 g/10 min @Load 2.16 kg, Temperature 230 °C	1.6 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	26.2 MPa	3800 psi	2 in/min; ASTM D638
Elongation at Yield	17 %	17 %	2 in/min; ASTM D638
Flexural Modulus	1.21 GPa	175 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	NB	NB	ASTM D256A
Gardner Impact	28.5 J	21.0 ft-lb	ASTM D5420G

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