

## Braskem D080T Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Description: Excellent Melt Stability, General Purpose Injection Molding Applications: Suggested Uses Include Patio Furniture, Closures, Staple Fibers 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-D080T-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-D080T-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength	37.2 MPa	5400 psi	2 in/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	2 in/min; ASTM D638
Flexural Modulus	1.59 GPa	230 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	ASTM D256A

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