

## Braskem D180A2 Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Description: Excellent Melt Stability Applications: Suggested Uses Include Caps and Closures, Housewares, BCF Multi-Filaments, High Tenacity Continuous Filament Yarn, Fine Denier 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-D180A2-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-D180A2-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Melt Flow	18 g/10 min @Load 2.16 kg, Temperature 230 °C	18 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	35.2 MPa	5100 psi	2 in/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	2 in/min; ASTM D638
Tenacity	0.256 N/tex	2.90 g/denier	3.3 draw ration, 1,250 m/min roll speed; 225°C spin temperature, D1000/68, ASTM D2256
Flexural Modulus	1.52 GPa	220 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D256A

Descriptive Properties	Value	Comments
Elongation of Fibers (3.3 draw ration, 1,250 m/min roll speed)	93%	225°C spin temperature, D1000/68, ASTM D2256
Suggested Takeup Roll Speed	6562 ft/min	

## Contact Songhan Plastic Technology Co.,Ltd.

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