

## Braskem D180M Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Description: Low Gas Fade Applications: Suggested Uses Include 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-D180M-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-D180M-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

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	1.31 GPa	190 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.267 J/cm	0.500 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	6561 ft/min	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China