

Braskem H 216 HOMO Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

H 216 is a high melt flow rate homopolymer with narrow molecular weight distribution. It is designed for fiber extrusion processing with high toughness fibers. H 216 exhibits excellent processability with good melt stability and toughness/impact balance. Its applications include: staple fibers and continuous filaments with high toughness and low denier; and fibers for reinforcement of asbestos-free concrete and roof tiles.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-H-216-HOMO-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM-D792
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	103	103	ASTM-D785
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM-D638
Elongation at Yield	9.0 %	9.0 %	ASTM-D638
Flexural Modulus, 1% Secant	1400 MPa	203000 psi	ASTM-D790
Izod Impact, Notched	0.250 J/cm	0.468 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	103 °C	217 °F	ASTM-D648
Deflection Temperature at 1.8 MPa (264 psi)	59.0 °C	138 °F	ASTM-D648
Vicat Softening Point	151 °C @Load 1.02 kg	304 °F @Load 2.25 lb	ASTM-D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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