

Braskem H 125 HOMO Polypropylene Homopolymer

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

Material Notes:

H 125 is a high melt flow rate homopolymer designed for nonwoven by spunbonded processing. It is used in fiber extrusion processing. This resin features excellent processing, allowing increased line speed or air pressure, as well as gains on mechanical properties. The narrow molecular weight distribution, special stability, and tight gel appearance control provide its unique performance. Its applications include: high-performance spunbond nonwovens for hygiene disposables and hospital products; nonwovens for furniture and decoration; and low-titile and/or high-speed spinning multifilaments.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-H-125-HOMO-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM-D792
Melt Flow	38 g/10 min @Load 2.16 kg, Temperature 230 °C	38 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	33.0 MPa	4790 psi	ASTM-D638
Elongation at Yield	13 %	13 %	ASTM-D638
Flexural Modulus, 1% Secant	1300 MPa	189000 psi	ASTM-D790
Izod Impact, Notched	0.230 J/cm	0.431 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM-D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ASTM-D648
Vicat Softening Point	154 °C @Load 1.02 kg	309 °F @Load 2.25 lb	ASTM-D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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