

BP Amoco Amoco® 7556 Polypropylene Homopolymer, Fiber Grade (discontinued **)

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

Material Notes:

Suggested fabrication methods: Fiber spinning
 Features: High speed spinning, Improved bulk, Low gas fade
 Typical applications: Upholstery, BCF carpet yarns
 Complies with FDA specification, Title 21, CFR 177.1520.
 Typical property data below from injection molded samples. Data provided by BP Amoco Polymers, Inc. This product is no longer listed in the standard Innovene product line. The polypropylene and polyethylene products of BP Amoco have been moved to the Innovene Division in 2005.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BP-Amoco-Amoco-7556-Polypropylene-Homopolymer-Fiber-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.886 - 0.926 g/cc	0.0320 - 0.0335 lb/in ³	ASTM D1505
Water Absorption	<= 0.010 %	<= 0.010 %	24 hours; ASTM D570
Linear Mold Shrinkage	0.010 - 0.025 cm/cm	0.010 - 0.025 in/in	ASTM D955
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	79 - 108	79 - 108	Normal range for injection molding resins; ASTM D785
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.93 GPa	280 ksi	ASTM D790A
Izod Impact, Notched	0.200 - 0.300 J/cm @Diameter 3.17 mm	0.375 - 0.562 ft-lb/in @Diameter 0.125 in	bar

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	129 °C	264 °F	ASTM D648

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