

BP Amoco Acclear® 8649X Random Copolymer Polypropylene, High Clarity Grade (discontinued **)

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Developmental Grade. Suggested fabrication methods: Injection molding; Stretch blow molding
 Features: Ultra high clarity, Low taste/odor, Excellent processability
 Typical applications: High clarity containers
 Complies with FDA specification, Title 21, CFR 177.1520.
 Typical property data below from injection molded samples. Data provided by BP Amoco Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BP-Amoco-Acclear-8649X-Random-Copolymer-Polypropylene-High-Clarity-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	23 g/10 min @Load 2.16 kg, Temperature 230 °C	23 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790A
Izod Impact, Notched	0.640 J/cm @Diameter 3.17 mm	1.20 ft-lb/in @Diameter 0.125 in	bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	88.0 °C	190 °F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	11 % @Thickness 1.27 mm	11 % @Thickness 0.0500 in	plaque; ASTM D1003
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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