

BP Amoco Accpro® 9961 Enhanced Polypropylene (discontinued **)

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

Material Notes:

Suggested fabrication methods: Injection molding
 Features: Nucleated
 Typical applications: Compounding
 Complies with FDA specification, Title 21, CFR 177.1520.
 Typical property data below from injection molded samples.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BP-Amoco-Accpro-9961-Enhanced-Polypropylene-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	63 g/10 min @Load 2.16 kg, Temperature 230 °C	63 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	109	109	ASTM D785
Tensile Strength, Yield	42.0 MPa	6090 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Flexural Modulus	2.14 GPa	310 ksi	ASTM D790A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D648

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