

**BP Amoco Accpro® 9934 Enhanced Polypropylene (discontinued \*\*)**

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

**Material Notes:**

Suggested fabrication methods: Injection molding  
 Features: High stiffness, Nucleated, Antistatic, High surface hardness, Stain resistance  
 Complies with FDA specification, Title 21, CFR 177.1520.  
 Typical applications: Compounding, Automotive components  
 Typical property data below from injection molded samples.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BP-Amoco-Accpro-9934-Enhanced-Polypropylene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_BP-Amoco-Accpro-9934-Enhanced-Polypropylene-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.886 - 0.926 g/cc	0.0320 - 0.0335 lb/in <sup>3</sup>	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	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 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	10 %	10 %	ASTM D638
Flexural Modulus	2.24 GPa	325 ksi	ASTM D790A
Izod Impact, Notched	0.220 J/cm @Diameter 3.17 mm	0.412 ft-lb/in @Diameter 0.125 in	bar

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

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