

**BP Amoco Accpro® 9117 Enhanced Polypropylene (discontinued \*\*)**

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

**Material Notes:**

Suggested fabrication methods: Sheet; Extrusion  
 Features: Improved MVTR, Stain resistance  
 Typical applications: Film, Rigid packaging  
 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-Accpro-9117-Enhanced-Polypropylene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_BP-Amoco-Accpro-9117-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	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 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	39.0 MPa	5660 psi	ASTM D638
Elongation at Break	110 %	110 %	ASTM D638
Flexural Modulus	1.90 GPa	276 ksi	ASTM D790A
Izod Impact, Notched	0.590 J/cm @Diameter 3.17 mm	1.11 ft-lb/in @Diameter 0.125 in	bar

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	113 °C	235 °F	ASTM D648

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