

**BP Amoco Acctuf® 3950 Impact Copolymer Polypropylene (discontinued \*\*)**

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

**Material Notes:**

Suggested fabrication methods: Injection molding  
 Features: Low gloss, High melt flow, Low temp impact, Nucleated  
 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-Acctuf-3950-Impact-Copolymer-Polypropylene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_BP-Amoco-Acctuf-3950-Impact-Copolymer-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	79	79	ASTM D785
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	ASTM D790A
Izod Impact, Notched	1.35 J/cm @Diameter 3.17 mm	2.53 ft-lb/in @Diameter 0.125 in	bar; ASTM D256
	0.500 J/cm @Diameter 3.17 mm, Temperature -20.0 °C	0.937 ft-lb/in @Diameter 0.125 in, Temperature -4.00 °F	bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °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