

**BP Amoco Acctuf® 3432 Impact Copolymer Polypropylene (discontinued \*\*)**

Categories: [Polymer](#); [Thermoplastic](#); [Polypropylene \(PP\)](#); [Polypropylene, Impact Modified](#); [Molded/Extruded](#)

Material Notes: Suggested fabrication methods: Injection molding

Features: Nucleated, Antistatic

Complies with FDA specification, Title 21, CFR 177.1520.

Typical property data below from injection molded samples.

Key Words: Nucleated, Antistatic

Vendors: No vendors are listed for this material. Please [click here](#) if you are a supplier and would like information on how to add your listing to this material.

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	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	1.45 GPa	210 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
	0.300 J/cm @Diameter 3.17 mm, Temperature -20.0 °C	0.562 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)	107 °C	225 °F	ASTM D648

\*\* Materials flagged as discontinued (🚫) are no longer part of the manufacturer's standard product line according to our latest information. These materials may be available by special order, in distribution inventory, or reinstated as an active product. Data sheets from materials that are no longer available remain in MatWeb to assist users in finding replacement materials.

Users of our Advanced Search (registration required) may exclude discontinued materials from search results.

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.