

## Diamond Polymers ASAPC 122954H

Category : Polymer , Thermoplastic , ASA Polymer , Polycarbonate (PC) , Polycarbonate/ASA Alloy, Unreinforced

**Material Notes:**

Information Provided by Diamond Polymers, Inc. &amp; Network Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Diamond-Polymers-ASAPC-122954H.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-ASAPC-122954H.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	13 g/10 min @Load 5.00 kg, Temperature 265 °C	13 g/10 min @Load 11.0 lb, Temperature 509 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	49.6 MPa	7190 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.067 GPa	299.8 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	4.81 J/cm @Thickness 3.17 mm	9.01 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	146 °C @Load 1.00 kg, Thickness 3.17 mm	295 °F @Load 2.20 lb, Thickness 0.125 in	ASTM D1525
Flammability, UL94	HB @Thickness 1.59 mm	HB @Thickness 0.0625 in	

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