

Diamond Polymers ASAPC TA-45

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

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-ASAPC-TA-45.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	ASTM D792
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.9 MPa	7090 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.549 GPa	369.7 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	4.81 J/cm	9.01 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	107 °C	225 °F	ASTM D1525
	@Load 1.00 kg, Thickness 3.17 mm	@Load 2.20 lb, Thickness 0.125 in	

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