

Global 121-PC-Blue Acrylonitrile Styrene, General Purpose Grade

Category : Polymer , Thermoplastic

Material Notes:

Description-transparent, blue, medium impact resistance, high hardness, good stiffness, high heat resistance, good chemical resistance
Applications-automotive, electrical parts, household goods
Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-121-PC-Blue-Acrylonitrile-Styrene-General-Purpose-Grade.php

Physical Properties	Metric	English	Comments
Melt Flow	2.8 g/10 min @Load 5.00 kg, Temperature 200 Â°C	2.8 g/10 min @Load 11.0 lb, Temperature 392 Â°F	Condition G; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	93	93	ASTM D785
Tensile Strength, Ultimate	70.3 MPa	10200 psi	ASTM D638
Flexural Yield Strength	118 MPa	17100 psi	ASTM D790
Flexural Modulus	3.727 GPa	540.5 ksi	ASTM D790
Izod Impact, Notched	0.246 J/cm	0.460 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	86.1 Â°C	187 Â°F	ASTM D648
Vicat Softening Point	108 Â°C	226 Â°F	ASTM D1525

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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