

M. Holland Company PCAB250 Acrylonitrile Butadiene Styrene + PC

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

Material Notes:

High heat resistanceHigh impact resistanceLow temperature impact resistanceApplications: Automotive

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-PCAB250-Acrylonitrile-Butadiene-Styrene-PC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	23/23Â°C; ASTM D792
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238
	@Load 3.80 kg, Temperature 230 Â°C	@Load 8.38 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.2 MPa	8000 psi	ASTM D638
Elongation at Break	75 %	75 %	ASTM D638
Flexural Strength	89.6 MPa	13000 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	73Â°F; ASTM D256
	4.81 J/cm @Temperature -28.9 Â°C	9.00 ft-lb/in @Temperature -20.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 Â°C	230 Â°F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Forms	Pellets	
Processing Methods	Injection molding	

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