

Sibur Discar-E PC/ABS Compositional Polymer

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

Material Notes:

Composition material PC/ABS with high shock resistance, thermal, light, and atmospheric resistance for profile articles of technical purpose and for sheets with following pneumatic formation of automobile parts.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sibur-Discar-E-PCABS-Compositional-Polymer.php

Physical Properties	Metric	English	Comments
Water Absorption	<= 0.20 %	<= 0.20 %	
Melt Index of Compound	7.0 - 12 g/10 min	7.0 - 12 g/10 min	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 50 %	>= 50 %	
Izod Impact, Notched (ISO)	>= 45.0 kJ/m ²	>= 21.4 ft-lb/in ²	
Charpy Impact, Notched	2.50 J/cm ²	11.9 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 Â°C	212 Â°F	Deflection temperature in bending , load unknown
Vicat Softening Point	<= 115 Â°C	<= 239 Â°F	

Descriptive Properties	Value	Comments
Impact Tension Strength	>50 MPa	

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