

Ravago Manufacturing Americas Hybrid S570 ABS + Polycarbonate Alloy

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

Material Notes:

Entec's proprietary products include a full range of compounds in the Nylon 6/6, Nylon 6, ABS, PBT, Polycarbonate, PC/ABS, PC/ASA, PC/PBT, and PPO/PPE resin families. Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hybrid-S570-ABS-Polycarbonate-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 260 °C	8.5 g/10 min @Load 4.76 lb, Temperature 500 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	61.4 MPa	8900 psi	ASTM D638
Flexural Modulus	2.62 GPa	380 ksi	ASTM D790
Izod Impact, Notched	7.21 J/cm	13.5 ft-lb/in	0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	Unannealed (0.125 in); ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	97.8 °C	208 °F	Unannealed (0.125 in); ASTM D648
Vicat Softening Point	114 °C	237 °F	ASTM D1525
Flammability, UL94	V-0	V-0	0.0600 in, V-0
	5VB	5VB	0.0980 in.
	5VA	5VA	0.126 in.

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