

Ravago Manufacturing Americas Hysun™ A598 ASA Polycarbonate alloy (discontinued **)

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

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-Hysun-A598-ASA-Polycarbonate-alloy-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Melt Flow	12 g/10 min @Load 5.00 kg, Temperature 250 °C	12 g/10 min @Load 11.0 lb, Temperature 482 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Yield Strength	86.9 MPa	12600 psi	ASTM D790
Flexural Modulus	2.48 GPa	360 ksi	ASTM D790
Izod Impact, Notched	4.27 J/cm	8.00 ft-lb/in	73°F, 0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 °C	240 °F	Unannealed (0.250 in); ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	106 °C	222 °F	Unannealed (0.250 in); ASTM D648

Optical Properties	Metric	English	Comments
Gloss	95 %	95 %	Gardner Gloss (60°); ASTM D523

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