

Ravago Manufacturing Americas Hysun™ 678 ASA

Category : Polymer , Thermoplastic , ASA Polymer

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. Availability: North America Features: Good Impact Resistance and High Heat Resistance RoHS Compliant Forms: Pellets Information provided by Ravago.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ravago-Manufacturing-Americas-Hysun-678-ASA.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in³	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	0.125 in; ASTM D955
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 220 °C	6.0 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.3 MPa	7000 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Yield Strength	70.3 MPa	10200 psi	ASTM D790
Flexural Modulus	2.24 GPa	325 ksi	ASTM D790
Izod Impact, Notched	3.20 J/cm	6.00 ft-lb/in	73°F, 0.125 in; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	106 °C	223 °F	Unannealed (0.250 in); ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	103 °C	217 °F	Unannealed (0.250 in); ASTM D648
Vicat Softening Point	104 °C	220 °F	Rate A; ASTM D1525

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