

A. Schulman ComAlloy Hiloy® 130 Polypropylene, Glass/Mineral Reinforced, Chemically Coupled, UL

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 40% Glass/Mineral Reinforced. The ComAlloy product line has been integrated into the A Schulman product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Hiloy-130-Polypropylene-GlassMineral-Reinforced-Chemically-Coupled-UL.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	108	108	ASTM D785
Tensile Strength, Ultimate	95.0 MPa	13800 psi	ASTM D638
Elongation at Break	2.6 %	2.6 %	ASTM D638
Flexural Strength	137 MPa	19900 psi	ASTM D790
Flexural Modulus	7.00 GPa	1020 ksi	ASTM D790
Izod Impact, Notched	0.910 J/cm	1.70 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.87 J/cm	11.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	163 °C	325 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	152 °C	306 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	225 °C	437 °F	Approximate middle barrel temperature.

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