

A. Schulman ComAlloy Hiloy® 242 SAN, Glass Reinforced

Category : Polymer , Thermoplastic , SAN Polymer , Styrene Acrylonitrile (SAN), Molded, Glass Reinforced

Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 20% Glass 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-242-SAN-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	114	114	ASTM D785
Tensile Strength, Ultimate	84.0 MPa	12200 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	123 MPa	17800 psi	ASTM D790
Flexural Modulus	7.00 GPa	1020 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256
Izod Impact, Unnotched	1.49 J/cm	2.79 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 °C	226 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	103 °C	217 °F	ASTM D648

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	235 - 266 °C	455 - 511 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China