

A. Schulman ComAlloy Hiloy® 263 Glass Reinforced, Modified SMA

Category : Polymer , Thermoplastic , SMA Polymer , Glass Reinforced, Modified SMA

Material Notes:

Data provided by the manufacturer, ComAlloy International Company.35% 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-263-Glass-Reinforced-Modified-SMA.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 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	103 MPa	14900 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	166 MPa	24100 psi	ASTM D790
Flexural Modulus	10.6 GPa	1540 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.84 J/cm	7.19 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	126 °C	259 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	118 °C	244 °F	ASTM D648

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	246 - 266 °C	475 - 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