

## A. Schulman ComAlloy Hiloy® 262 Glass Reinforced, Modified SMA

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

### 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-262-Glass-Reinforced-Modified-SMA.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Hiloy-262-Glass-Reinforced-Modified-SMA.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	
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	77.0 MPa	11200 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	114 MPa	16500 psi	ASTM D790
Flexural Modulus	6.00 GPa	870 ksi	ASTM D790
Izod Impact, Notched	0.910 J/cm	1.70 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.78 J/cm	5.21 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	119 °C	246 °F	ASTM D648

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	246 - 266 °C	475 - 511 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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