

## A. Schulman ComAlloy Hiloy® 636 Nylon 6/6, Glass/Mineral Reinforced, Flow Enhanced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

### 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-636-Nylon-66-GlassMineral-Reinforced-Flow-Enhanced.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Hiloy-636-Nylon-66-GlassMineral-Reinforced-Flow-Enhanced.php)

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength, Ultimate	68.0 MPa	9860 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	99.0 MPa	14400 psi	ASTM D790
Flexural Modulus	4.70 GPa	682 ksi	ASTM D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.63 J/cm	6.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	255 - 275 °C	491 - 527 °F	
Deflection Temperature at 0.46 MPa (66 psi)	219 °C	426 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	150 °C	302 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	290 °C	554 °F	Approximate middle barrel temperature.

Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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