

## A. Schulman ComAlloy Hiloy® 640 Nylon 6/12, Glass/Mineral Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Glass/Mineral Filler

### Material Notes:

Data provided by the manufacturer, ComAlloy International Company.45% 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-640-Nylon-612-GlassMineral-Reinforced.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Hiloy-640-Nylon-612-GlassMineral-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	117	117	ASTM D785
Tensile Strength, Ultimate	149 MPa	21600 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Strength	229 MPa	33200 psi	ASTM D790
Flexural Modulus	10.5 GPa	1520 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.01 J/cm	15.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	195 - 215 °C	383 - 419 °F	
Deflection Temperature at 0.46 MPa (66 psi)	219 °C	426 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	203 °C	397 °F	ASTM D648

## 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

