

A. Schulman ComAlloy Hiloy® 275 Polystyrene Alloy, Mineral Reinforced, Flow Enhanced

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Glass Filled

Material Notes:

Data provided by the manufacturer, ComAlloy International Company.30% 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-275-Polystyrene-Alloy-Mineral-Reinforced-Flow-Enhanced.php

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in ³	
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D785
Tensile Strength, Ultimate	63.0 MPa	9140 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Flexural Strength	101 MPa	14600 psi	ASTM D790
Flexural Modulus	7.10 GPa	1030 ksi	ASTM D790
Izod Impact, Unnotched	1.39 J/cm	2.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	113 °C	235 °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	216 - 241 °C	421 - 466 °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