

A. Schulman ComAlloy Voloy® 112 Polypropylene, Glass Reinforced, Chemically Coupled, Flame Retardant, UL

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 15% 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-Voloy-112-Polypropylene-Glass-Reinforced-Chemically-Coupled-Flame-Retardant-UL.php

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in ³	
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Ultimate	61.0 MPa	8850 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	85.0 MPa	12300 psi	ASTM D790
Flexural Modulus	6.20 GPa	899 ksi	ASTM D790
Izod Impact, Notched	0.690 J/cm	1.29 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.10 J/cm	5.81 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	159 °C	318 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	136 °C	277 °F	ASTM D648

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	229 - 246 °C	444 - 475 °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