

A. Schulman ComAlloy Voloy® 441 Glass Reinforced, PET Alloy, Flame Retardant, UL

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Data provided by the manufacturer, ComAlloy International Company.32% 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-441-Glass-Reinforced-PET-Alloy-Flame-Retardant-UL.php

Physical Properties	Metric	English	Comments
Density	1.59 g/cc	0.0574 lb/in ³	
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	117	117	ASTM D785
Tensile Strength, Ultimate	123 MPa	17800 psi	ASTM D638
Elongation at Break	1.6 %	1.6 %	ASTM D638
Flexural Strength	202 MPa	29300 psi	ASTM D790
Flexural Modulus	11.2 GPa	1620 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.75 J/cm	8.90 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	258 - 268 °C	496 - 514 °F	
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	ASTM D648

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	296 - 304 °C	565 - 579 °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