

A. Schulman ComAlloy Comtuf® 461 Glass Reinforced, Impact Modified, PBT Alloy

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Glass Filled, Impact Modified

Material Notes:

Data provided by the manufacturer, ComAlloy International Company.30% Glass Reinforced. Superior toughness and impact resistance characterize Comtuf® materialsThe 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-Comtuf-461-Glass-Reinforced-Impact-Modified-PBT-Alloy.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Ultimate	107 MPa	15500 psi	ASTM D638
Elongation at Break	3.7 %	3.7 %	ASTM D638
Flexural Strength	161 MPa	23400 psi	ASTM D790
Flexural Modulus	8.10 GPa	1170 ksi	ASTM D790
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.93 J/cm	11.1 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	210 - 225 °C	410 - 437 °F	
Deflection Temperature at 0.46 MPa (66 psi)	222 °C	432 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	240 °C	464 °F	Approximate middle barrel temperature.

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