

## A. Schulman ComAlloy Aqualoy® 143 Polypropylene, Glass Reinforced, Chemically Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 40% Glass Reinforced. In Aqualoy® materials, carefully selected base resins and proprietary additives meld hydrolytic stability and high strength traits into a unique property blend. 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-Aqualoy-143-Polypropylene-Glass-Reinforced-Chemically-Coupled.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Aqualoy-143-Polypropylene-Glass-Reinforced-Chemically-Coupled.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Ultimate	92.0 MPa	13300 psi	ASTM D638
Elongation at Break	2.8 %	2.8 %	ASTM D638
Flexural Strength	152 MPa	22000 psi	ASTM D790
Flexural Modulus	7.40 GPa	1070 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.09 J/cm	11.4 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	179 °C	354 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	155 °C	311 °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](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**