

## A. Schulman ComAlloy Comtuf® 164 Polypropylene, Mineral Reinforced, Chemically Coupled, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced, Impact Modified

### Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 20% Mineral Reinforced. Superior toughness and impact resistance characterize Comtuf® materials. 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-Comtuf-164-Polypropylene-Mineral-Reinforced-Chemically-Coupled-Impact-Modified.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Comtuf-164-Polypropylene-Mineral-Reinforced-Chemically-Coupled-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Ultimate	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Strength	38.0 MPa	5510 psi	ASTM D790
Flexural Modulus	1.90 GPa	276 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.70 J/cm	8.81 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.0 °C	171 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	ASTM D648

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	210 - 221 °C	410 - 430 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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