

## A. Schulman ComAlloy Comtuf® 109 Polypropylene, Mineral Reinforced, Impact Modified

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

### Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 40% 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-109-Polypropylene-Mineral-Reinforced-Impact-Modified.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Comtuf-109-Polypropylene-Mineral-Reinforced-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Ultimate	14.0 MPa	2030 psi	ASTM D638
Elongation at Break	174 %	174 %	ASTM D638
Flexural Strength	26.0 MPa	3770 psi	ASTM D790
Flexural Modulus	1.70 GPa	247 ksi	ASTM D790
Izod Impact, Notched	0.910 J/cm	1.70 ft-lb/in	ASTM D256
Izod Impact, Unnotched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.0 °C	169 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	63.0 °C	145 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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