

## A. Schulman ComAlloy® E-13819 Heat Dissipative PPS

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS); Molded

### Material Notes:

Information provided by A. Schulman. 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-E-13819-Heat-Dissipative-PPS.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-E-13819-Heat-Dissipative-PPS.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	ASTM D792
Linear Mold Shrinkage	0.0052 cm/cm @Thickness 3.175 mm	0.0052 in/in @Thickness 0.1250 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	63.87 MPa	9263 psi	ASTM D638
Tensile Strength, Yield	65.07 MPa	9438 psi	ASTM D638
Flexural Strength	124.35 MPa	18035 psi	ASTM D790
Flexural Modulus	8.822 GPa	1280 ksi	ASTM D790
Izod Impact, Notched	0.721 J/cm	1.35 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.68 J/cm	6.90 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	281 °C	538 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	232 °C	449 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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