

A. Schulman ComAlloy Comtuf® 608 Nylon 6/12, Impact Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Impact Modified

Material Notes:

Data provided by the manufacturer, ComAlloy International Company. 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-608-Nylon-612-Impact-Modified.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Ultimate	33.0 MPa	4790 psi	ASTM D638
Elongation at Break	41 %	41 %	ASTM D638
Flexural Strength	52.0 MPa	7540 psi	ASTM D790
Flexural Modulus	1.30 GPa	189 ksi	ASTM D790
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256
Izod Impact, Unnotched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	195 - 215 °C	383 - 419 °F	
Deflection Temperature at 0.46 MPa (66 psi)	151 °C	304 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	98.0 °C	208 °F	ASTM D648

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