

A. Schulman ComAlloy Lubrilon® 606 Nylon 6/6, PTFE Filled, Flow Enhanced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, PTFE Filled

Material Notes:

Data provided by the manufacturer, ComAlloy International Company. High performance and excellent lubricity with minimal surface wear. 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-Lubrilon-606-Nylon-66-PTFE-Filled-Flow-Enhanced.php

Physical Properties	Metric	English	Comments
Density	1.26 g/cc	0.0455 lb/in ³	
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	116	116	ASTM D785
Tensile Strength, Ultimate	59.0 MPa	8560 psi	ASTM D638
Elongation at Break	11 %	11 %	ASTM D638
Flexural Strength	92.0 MPa	13300 psi	ASTM D790
Flexural Modulus	2.70 GPa	392 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.60 J/cm	10.5 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	255 - 275 °C	491 - 527 °F	
Deflection Temperature at 0.46 MPa (66 psi)	204 °C	399 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	66.0 °C	151 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	290 °C	554 °F	Approximate middle barrel temperature.

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