

A. Schulman ComAlloy Lubrilon® 646 Nylon 6/12, Carbon Fiber/PTFE Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Carbon Fiber Filler

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-646-Nylon-612-Carbon-FiberPTFE-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D785
Tensile Strength, Ultimate	165 MPa	23900 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Strength	262 MPa	38000 psi	ASTM D790
Flexural Modulus	13.5 GPa	1960 ksi	ASTM D790
Izod Impact, Notched	1.28 J/cm	2.40 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.26 J/cm	13.6 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	195 - 215 °C	383 - 419 °F	
Deflection Temperature at 0.46 MPa (66 psi)	209 °C	408 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	192 °C	378 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China