

**A. Schulman ComAlloy Lubrilon® 632 Nylon 6/6, Carbon Fiber/PTFE Filled**

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Carbon Fiber/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-632-Nylon-66-Carbon-FiberPTFE-Filled.php](http://www.lookpolymers.com/polymer_A-Schulman-ComAlloy-Lubrilon-632-Nylon-66-Carbon-FiberPTFE-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.28 g/cc	0.0462 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength, Ultimate	162 MPa	23500 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	239 MPa	34700 psi	ASTM D790
Flexural Modulus	11.0 GPa	1600 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.91 J/cm	9.20 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)	260 °C	500 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	253 °C	487 °F	ASTM D648

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

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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