

## Teknor Apex Chemlon® 109-18 GH Nylon 66, 18% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

**Material Notes:**

Notes: High-impact; Reinforced with 18% glass fibers; Highly toughened compound designed to improve practical toughness and ductility

Features: Ductile; Good Impact Resistance; Good Toughness; Good Creep Resistance; Good Stiffness; Heat Stabilized Processing Method:

Injection Molding Forms: Pellets Additive: Heat stabilizer Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Chemlon-109-18-GH-Nylon-66-18-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Chemlon-109-18-GH-Nylon-66-18-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength	86.2 MPa	12500 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Strength	131 MPa	19000 psi	ASTM D790
Flexural Modulus	3.72 GPa	540 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm @Temperature 22.8 °C	2.50 ft-lb/in @Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	221 °C	430 °F	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	254 °C	490 °F	

Descriptive Properties	Value	Comments
Appearance	Black; Natural Color	

## 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