

## Chem Polymer Chemlon 125-15 MG Nylon 66, 25% Mineral/15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

### Material Notes:

A 25% mineral reinforced, 15% glass fiber reinforced nylon 66 offering excellent rigidity, dimensional stability and tensile strength with improved warpage control in large area parts. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chem-Polymer-Chemlon-125-15-MG-Nylon-66-25-Mineral15-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-125-15-MG-Nylon-66-25-Mineral15-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	117 MPa	17000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Yield Strength	183 MPa	26500 psi	ASTM D790
Flexural Modulus	7.20 GPa	1040 ksi	ASTM D790
Izod Impact, Notched	0.590 J/cm	1.11 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	254 °C	489 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	245 °C	473 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	288 °C	550 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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