

## Chem Polymer Chemlon 100 X Nylon 66, Lubricated GP

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

A medium viscosity, general purpose injection molding grade nylon 66. Internally and externally lubricated for excellent feed and mold release properties. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chem-Polymer-Chemlon-100-X-Nylon-66-Lubricated-GP.php](http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-100-X-Nylon-66-Lubricated-GP.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	83.0 MPa	12000 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Yield Strength	114 MPa	16500 psi	ASTM D790
Flexural Modulus	2.90 GPa	421 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 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)	88.0 °C	190 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	271 °C	520 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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