

## Chem Polymer Chemlon 282 Nylon 6, Flame Retarded

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Unreinforced, Flame Retardant

### Material Notes:

A non-halogenated, unfilled nylon 6 used in electrical applications where improved flame retardancy is required. The compound has excellent moldability, good snap-fit properties and is available in a range of colors. Data provided by the manufacturer, Chem Polymer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chem-Polymer-Chemlon-282-Nylon-6-Flame-Retarded.php](http://www.lookpolymers.com/polymer_Chem-Polymer-Chemlon-282-Nylon-6-Flame-Retarded.php)

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	69.0 MPa	10000 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Yield Strength	83.0 MPa	12000 psi	ASTM D790
Flexural Modulus	3.20 GPa	464 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	215 °C	419 °F	ASTM D789
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 600 V	>= 600 V	CTI, V

Processing Properties	Metric	English	Comments
Melt Temperature	252 °C	486 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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