

Chemlon® 190
Polyamide 66
Chem Polymer Corporation



Prospector

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• High Viscosity		
Uses	• Coating Applications	• Tubing	
	• Rods	• Wire Jacketing	
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

	Nominal Value (English)	Nominal Value (SI)	Test Method
Physical			
Specific Gravity	1.14	1.14 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	12500 psi	86.2 MPa	ASTM D638
Tensile Elongation (Break, 73°F (23°C))	60 %	60 %	ASTM D638
Flexural Modulus (73°F (23°C))	420000 psi	2900 MPa	ASTM D790
Flexural Strength (73°F (23°C))	16500 psi	114 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.60 ft-lb/in	85.4 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	
Melting Temperature	500 °F	260 °C	
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating - UL (0.0248 in (0.630 mm))	V-0	V-0	UL 94

Notes

¹ Typical properties: these are not to be construed as specifications.