

# Chemlon® 190

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 190 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 190 are:

Flame Rated

High Viscosity

Typical applications include:

Coating Applications

Engineering/Industrial Parts

Hose/Tubing

Wire & Cable

General Information			
Features	High Viscosity		
Uses	Coating Applications		
	Rods		
	Tubing		
	Wire Jacketing		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	86.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	60	%	ASTM D638
Flexural Modulus (23°C)	2900	MPa	ASTM D790
Flexural Strength (23°C)	114	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	260	°C	
Flammability	Nominal Value		Test Method
Flame Rating (0.630 mm)	V-0		UL 94

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Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

