

# Chemlon® 290

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 290 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 290 are:

Good Mold Release

High Viscosity

Lubricated

General Information			
Additive	Lubricant		
Features	Good Mold Release		
	High Viscosity		
	Lubricated		
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)	80	%	ASTM D638
Flexural Modulus (23°C)	2930	MPa	ASTM D790
Flexural Strength (23°C)	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	68.3	°C	ASTM D648
Melting Temperature	216	°C	

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Recommended distributors for this material

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