

Chemlon® 412

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 412 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 412 are:

Good Mold Release

Lubricated

General Information			
Additive	Lubricant		
Features	General Purpose		
	Good Mold Release		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	72.4	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	15	%	ASTM D638
Flexural Modulus (23°C)	2690	MPa	ASTM D790
Flexural Strength (23°C)	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.6	°C	ASTM D648
Melting Temperature	243	°C	

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Recommended distributors for this material

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