

Chemlon® 500

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 500 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 500 are:

Good Mold Release

Lubricated

General Information			
Additive	Lubricant		
Features	Good Mold Release		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	75.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	15	%	ASTM D638
Flexural Modulus (23°C)	3030	MPa	ASTM D790
Flexural Strength (23°C)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Melting Temperature	254	°C	

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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



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