

# Chemlon® 500 H

Polyamide 66

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 500 H 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 H are:

Good Mold Release

Heat Stabilizer

Lubricated

General Information			
Additive	Heat Stabilizer		
	Lubricant		
Features	Good Mold Release		
	Heat Stabilized		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.7	%	ASTM D955
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)	2760	MPa	ASTM D790
Flexural Strength (23°C)	96.5	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

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