



Chemlon® 500

Teknor Apex Company (Chem Polymer) - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Additive	• Lubricant		
Features	• Good Mold Release	• Lubricated	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	11000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	15	%	ASTM D638
Flexural Modulus (73°F)	440000	psi	ASTM D790
Flexural Strength (73°F)	15000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.90	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	185	°F	
Melting Temperature	490	°F	

Notes

¹ Typical properties: these are not to be construed as specifications.