



Chemlon® 400 NT

Teknor Apex Company - Polyamide 6

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage	1.6 to 2.2	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10900	psi	ISO 527-2
Flexural Modulus	421000	psi	ISO 178/A
Flexural Stress	13100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	2.9	ft-lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	158	°F	
Melting Temperature	428	°F	ISO 11357

Notes

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