



Chemlon® 128-10 MGH

Teknor Apex Company - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber	• Mineral	
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Molding Shrinkage	0.20 to 0.40	%	ISO 2577
Water Absorption (24 hr, 73°F)	0.60	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	21000	psi	ISO 527
Tensile Strain (Break)	3.0	%	ISO 527
Flexural Modulus	1.31E+6	psi	ISO 178/A
Flexural Stress	29000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.9	ft-lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	446	°F	
Melting Temperature	493	°F	ISO 11357

Notes

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