



Chemlon® 233 GHA

Teknor Apex Company - Polyamide 6

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Molding Shrinkage	0.15 to 0.40	%	ISO 2577
Water Absorption (24 hr, 73°F)	0.70	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26800	psi	ISO 527
Tensile Strain (Break)	4.5	%	ISO 527
Flexural Modulus	1.26E+6	psi	ISO 178/A
Flexural Stress	34100	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	6.2	ft-lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	428	°F	ISO 11357
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.031 in)	HB		UL 94

Notes

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