



Chemlon® 113 GX

Teknor Apex Company - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 13% Filler by Weight		
Additive	• Lubricant		
Features	• Creep Resistant	• Good Stiffness	• Lubricated
	• Good Dimensional Stability	• High Tensile Strength	
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	15000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	2.0	%	ASTM D638
Flexural Modulus (73°F)	700000	psi	ASTM D790
Flexural Strength (73°F)	25000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.2	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	470	°F	
Melting Temperature	490	°F	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

Notes

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