

# Chemlon® 113 GX

Teknor Apex Company (Chem Polymer) - Polyamide 66

Friday, June 30, 2017

## 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 Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
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 264 psi, Unannealed	470	°F	ASTM D648
Melting Temperature	490	°F	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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