

# Chemlon® 233 GI

Teknor Apex Company (Chem Polymer) - Polyamide 6

Friday, June 30, 2017

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight		
Additive	• Impact Modifier		
Features	• Creep Resistant	• Good Toughness	
	• Good Stiffness	• Impact Modified	
Appearance	• Black	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	21000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	1.00E+6	psi	ASTM D790
Flexural Strength	29500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	3.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	420	°F	

### Notes

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

#### Teknor Apex Company Corporate Headquarters

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