😰 TEKNOR APEX

# Chemlon<sup>®</sup> 115 GA

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, 15% Filler by Weight		
Features	Creep Resistant Good Stiffness Good Dimensional Stability High Gloss	High Strength	
Appearance	• Black		
Forms	Pellets		
Processing Method	Injection Molding		

ASTM & ISO Properties <sup>1</sup>			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	16000	psi	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	750000	psi	ASTM D790
Flexural Strength	25500	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	

### Notes

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

#### Teknor Apex Company Corporate Headquarters

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