😰 TEKNOR APEX

Chemlon[®] 217 GIH

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, 17% Filler by Weight			
Additive	Heat Stabilizer	Impact Modifier		
Features	Creep ResistantGood Stiffness	 Good Toughness Heat Stabilized	Impact Modified	
Appearance	Black	 Natural Color 		
Forms	Pellets			
Processing Method	 Injection Molding 			

ASTM & ISO Properties ¹					
Physical	Nominal Value	Unit	Test Method		
Specific Gravity	1.21		ASTM D792		
Mechanical	Nominal Value	Unit	Test Method		
Tensile Strength	13500	psi	ASTM D638		
Tensile Elongation (Break)	5.0	%	ASTM D638		
Flexural Modulus	550000	psi	ASTM D790		
Flexural Strength	19000	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

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

Teknor Apex Company Corporate Headquarters

505 Central Avenue

Phone: 401-725-8000 Fax: 401-725-8095

Pawtucket, Rhode Island 02861 U.S.

Toll Free (U.S. only) 800-556-3864

Teknor Apex U.K. Ltd.

In U.S. for Vinyls, TPEs, Colorants, Engineered Thermoplastics (Chem Polymer)

Phone: (44) 121-665-2100 Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk

info@teknorapex.com



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