😰 TEKNOR APEX

Chemlon[®] 133 GU

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, 33% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Impact Resistance High Tensile Strength		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		

ASTM & ISO Properties ¹				
Physical	Nominal Value	Unit	Test Method	
Specific Gravity	1.38		ASTM D792	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength (73°F)	25500	psi	ASTM D638	
Tensile Elongation (Break, 73°F)	2.0	%	ASTM D638	
Flexural Modulus (73°F)	1.20E+6	psi	ASTM D790	
Flexural Strength (73°F)	35000	psi	ASTM D790	
Impact	Nominal Value	Unit	Test Method	
Notched Izod Impact (73°F)	2.0	ft·lb/in	ASTM D256	
Thermal	Nominal Value	Unit	Test Method	
Deflection Temperature Under Load			ASTM D648	
264 psi, Unannealed	480	°F		
Melting Temperature	490	°F		

Notes

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

Teknor Apex Company Corporate Headquarters

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