

Chemlon® 233 GU

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, 30% Filler by Weight		
Additive	• UV Stabilizer		
Features	• Good Dimensional Stability	• 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	1.39		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	24000	psi	ASTM D638
Tensile Elongation (Break, 73°F)	2.0	%	ASTM D638
Flexural Modulus (73°F)	1.15E+6	psi	ASTM D790
Flexural Strength (Break, 73°F)	33000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	410	°F	ASTM D648
Melting Temperature	420	°F	

Notes

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

Teknor Apex Company Corporate Headquarters

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

505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

Teknor Apex U.K. Ltd.

Tat Bank Road
Oldbury, West Midlands B69 4NH England

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

etpsales@teknorapex.co.uk



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