



Chemlon® 133 GA

Teknor Apex Company - Polyamide 66

General Information

Product Description

Appearance Modified

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight
Features	• Good Impact Resistance • High Tensile Strength • Pleasing Surface Appearance
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	25500	psi	ISO 527
Tensile Strain (Break)	2.0	%	ISO 527
Flexural Modulus	1.20E+6	psi	ISO 178/A
Flexural Stress	35000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 2.9	ft·lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	480	°F	ISO 75-2/A
Melting Temperature	490	°F	

Notes

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