

Chemlon® 133GH

PA66-GF33

Teknor Apex Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0015	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	176	MPa	ASTM D 638
Elongation at Yield	3	%	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	8618	MPa	ASTM D 790
Flexural Strength	276	MPa	ASTM D 790
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.813	mm	-
DTUL @ 264 psi	249	°C	ASTM D 648
Melting Temperature	257	°C	ASTM D 3418
Limiting Oxygen Index	25	%	ASTM D 2863
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	16	kV/mm	ASTM D 149
Volume Resistivity	1010	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.9	%	ASTM D 570
Density	1380	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

Hydrolytically Stable

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive