

Chemlon® 133GVH

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	0.003	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	134	MPa	ASTM D 638
Elongation at Yield	2	%	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	8963	MPa	ASTM D 790
Flexural Strength	193	MPa	ASTM D 790
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.813	mm	-
DTUL @ 264 psi	243	°C	ASTM D 648
Melting Temperature	257	°C	ASTM D 3418
Limiting Oxygen Index	33	%	ASTM D 2863
Electrical properties			
ASTM Data			
Volume Resistivity	1020	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1590	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

North America, Europe, Asia Pacific