

Chemlon® 217 GI

PA6-GX

Teknor Apex Co.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	96.5	MPa	ASTM D 638
Elongation at Yield	3	%	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	3792	MPa	ASTM D 790
Flexural Strength	141	MPa	ASTM D 790
Izod Impact notched, 1/8 in	187	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.813	mm	-
DTUL @ 66 psi	191	°C	ASTM D 648
DTUL @ 264 psi	177	°C	ASTM D 648
Melting Temperature	218	°C	ASTM D 3418
Limiting Oxygen Index	22	%	ASTM D 2863
Other properties			
Water Absorption, 24hr	0.9	%	ASTM D 570
Density	1230	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America, Europe, Asia Pacific