

Polifil® 930L-33GF

PA6-GF33

The Plastics Group of America

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	9308	MPa	ASTM D 638
Tensile Strength	159	MPa	ASTM D 638
Elongation at Yield	2	%	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	8274	MPa	ASTM D 790
Flexural Strength	207	MPa	ASTM D 790
Rockwell Hardness	R 119	-	ASTM D 785
Gardner Impact	0.452	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	216	°C	ASTM D 648
DTUL @ 264 psi	210	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	1.1	%	ASTM D 570
Density	1360	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Features

Low Odor

Delivery form

Pellets

Regional Availability

North America

Special Characteristics

Heat stabilized or stable to heat