

Polifil® 628-13GF

PA66-GF13

The Plastics Group of America

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	5102	MPa	ASTM D 638
Tensile Strength	96.5	MPa	ASTM D 638
Elongation at Yield	2	%	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4826	MPa	ASTM D 790
Flexural Strength	138	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Gardner Impact	0.678	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	249	°C	ASTM D 648
DTUL @ 264 psi	243	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	1.1	%	ASTM D 570
Density	1220	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Features

Creep Resistance, Low Odor, Thermal Stability

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Sports Equipment

Regional Availability

North America