

Polifil® 930L

PA6

The Plastics Group of America

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3034	MPa	ASTM D 638
Tensile Strength	79.3	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Elongation at Break	40	%	ASTM D 638
Flexural Modulus	2689	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Rockwell Hardness	R 116	-	ASTM D 785
Gardner Impact	1.36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	58.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	182	°C	ASTM D 648
DTUL @ 264 psi	62.8	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.6	%	ASTM D 570
Density	1130	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

Low Odor

Applications

Automotive

Regional Availability

North America