

**Polifil® RP-PP**

PP

The Plastics Group of America

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	1379	MPa	ASTM D 638
Tensile Strength	31	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	1241	MPa	ASTM D 790
Flexural Strength	41.4	MPa	ASTM D 790
Gardner Impact	2.71	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	26.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	93.3	°C	ASTM D 648
DTUL @ 264 psi	48.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

High impact or impact modified

**Features**

Low Odor

**Certifications**

Recycled Resin Content

**Applications**

Automotive

**Regional Availability**

North America