

Polifil® RMT-20

PP-T20

The Plastics Group of America

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1724	MPa	ASTM D 638
Tensile Strength	28.3	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	1758	MPa	ASTM D 790
Flexural Strength	39.3	MPa	ASTM D 790
Gardner Impact	5.2	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	110	°C	ASTM D 648
DTUL @ 264 psi	54.4	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Low Odor

Applications

Automotive, Electrical and Electronical

Regional Availability

North America