

Polifil® T-40

PP-T40

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	0.008	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2620	MPa	ASTM D 638
Tensile Strength	31.7	MPa	ASTM D 638
Elongation at Yield	3.5	%	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2758	MPa	ASTM D 790
Flexural Strength	55.2	MPa	ASTM D 790
Gardner Impact	0.565	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
ASTM Data			
DTUL @ 66 psi	138	°C	ASTM D 648
DTUL @ 264 psi	79.4	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Features

Low Odor, Homopolymer

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

North America