

Maxxam™ PPH-40T Nat

PP-T40

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	32.4	MPa	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	3790	MPa	ASTM D 790
Flexural Strength	57.7	MPa	ASTM D 790
Rockwell Hardness	R 92	-	ASTM D 785
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	140	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	147	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	16 - 50	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Features

Homopolymer

Applications

Automotive, Building Construction, General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa