

Maxxam™ PD 40 TF Black

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			
ASTM Data			
Tensile Strength at Yield	31	MPa	ASTM D 638
Elongation at Break	8	%	ASTM D 638
Flexural Modulus	3720	MPa	ASTM D 790
Flexural Strength	55.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	145	°C	ASTM D 648
Other properties			
Density	1210	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Mold temperature	16 - 50	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Features

Homopolymer

Applications

Automotive, Building Construction, General Purpose

Regional Availability

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