

Nymax™ 1010 A Natural

PA6

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	53.1	MPa	ASTM D 638
Elongation at Break	140	%	ASTM D 638
Flexural Modulus	1860	MPa	ASTM D 790
Flexural Strength	68.9	MPa	ASTM D 790
Izod Impact notched, 1/8 in	1000	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	210	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ASTM Data			
DTUL @ 66 psi	100	°C	ASTM D 648
DTUL @ 264 psi	55	°C	ASTM D 648
Melting Temperature	216	°C	ASTM D 3418
Other properties			
Water Absorption, 24hr	1	%	ASTM D 570
Density	1090	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

High impact or impact modified

Applications

Automotive, Building Construction, General Purpose

Regional Availability

North America, South and Central America