

**Nymax™ 600 A Natural 12**

PA6...

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	2550	MPa	ASTM D 638
Tensile Strength at Break	77.9	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	2520	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	60	°C	ASTM D 648
Melting Temperature	215	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.6	%	ASTM D 570
Density	1140	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Mold temperature	48.9 - 93.3	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Additives**

Lubricants

**Applications**

Automotive, Building Construction, General Purpose

**Regional Availability**

North America, South and Central America