

**Nymax™ 600 A Natural**

PA6...

Avient Corporation

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break	<b>77.9</b>	MPa	ASTM D 638
Elongation at Break	<b>80</b>	%	ASTM D 638
Flexural Modulus	<b>2690</b>	MPa	ASTM D 790
Flexural Strength	<b>103</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>64</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>150</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>60</b>	°C	ASTM D 648
Melting Temperature	<b>215</b>	°C	ASTM D 3418

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

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

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Applications**

Automotive, Building Construction, General Purpose

**Regional Availability**

North America, South and Central America