

**Nymax™ 600 A HS Natural A**

PA6...

Avient Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.012</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Break	<b>77.9</b>	MPa	ASTM D 638
Elongation at Break	<b>95</b>	%	ASTM D 638
Flexural Modulus	<b>2650</b>	MPa	ASTM D 790
Flexural Strength	<b>110</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>64</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>165</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>63</b>	°C	ASTM D 648
Melting Temperature	<b>215</b>	°C	ASTM D 3418
<b>Other properties</b>			
Water Absorption, 24hr	<b>1.7</b>	%	ASTM D 570
Density	<b>1140</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
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

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

Automotive, Building Construction, General Purpose

**Regional Availability**

North America, South and Central America