

Nymax™ ND 633 GF natural

PA6-GF33

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	165	MPa	ASTM D 638
Tensile Strength at Break	152	MPa	ASTM D 638
Elongation at Yield	4	%	ASTM D 638
Flexural Modulus	8270	MPa	ASTM D 790
Flexural Strength	234	MPa	ASTM D 790
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	205	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1	%	ASTM D 570
Density	1360	kg/m ³	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

Applications

Automotive, Building Construction, General Purpose

Regional Availability

North America, South and Central America