Nymax™ ND 633 GF black

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	**120**	MPa	ASTM D 638
Tensile Strength at Break	**145**	MPa	ASTM D 638
Elongation at Yield	**3**	%	ASTM D 638
Flexural Modulus	**9000**	MPa	ASTM D 790
Flexural Strength	**221**	MPa	ASTM D 790
Izod Impact notched, 1/8 in	**110**	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	**HB**	-	UL 94
Thickness tested	**1.5**	mm	-
DTUL @ 264 psi	**200**	°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/m³	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

Applications
Automotive, Building Construction, General Purpose

Delivery form
Pellets, Black

Regional Availability
North America, South and Central America

Special Characteristics
Heat stabilized or stable to heat

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