

Nymax™ GF 1200 A 43 HS Natural

PA66-GF43

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	221	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	11000	MPa	ASTM D 790
Flexural Strength	296	MPa	ASTM D 790
Izod Impact notched, 1/8 in	150	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	257	°C	ASTM D 648
DTUL @ 264 psi	249	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1500	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	60 - 107	°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