

Nymax™ GF 1200 A 40 IM Black 13A

PA66-GF40

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00225	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	187	MPa	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	11000	MPa	ASTM D 790
Izod Impact notched, 1/8 in	120	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	246	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418
Other properties			
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1470	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Mold temperature	60 - 107	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

High impact or impact modified

Applications

Automotive, Building Construction, General Purpose

Regional Availability

North America, South and Central America