

NIBLAN F20 AE/V0

PBT-GF20

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Flexural Modulus	7000	MPa	ASTM D 790
Flexural Strength	160	MPa	ASTM D 790
Rockwell Hardness	M 90	-	ASTM D 785
Izod Impact notched, 1/8 in	43.2	J/m	ASTM D 256
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, normal	40	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	215	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418
Other properties			
Water Absorption, 24hr	0.3	%	ASTM D 570
Density	1590	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Natural Color

Regional Availability

Europe

Special Characteristics

Flame retardant