

NIBLEND F17
(PC+ABS)-GF17

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	70	MPa	ASTM D 638
Flexural Modulus	5000	MPa	ASTM D 790
Flexural Strength	100	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	67.3	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	48	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, normal	40	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	115	°C	ASTM D 648
Vicat Temperature	123	°C	ASTM D 1525
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	2.9	-	IEC 62631-2-1
Dissipation factor, 1MHz	500	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Electric strength	25	kV/mm	IEC 60243-1
Other properties			
Density	1230	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe