

NILOY F30

(PC+PBT)-GF30

Soredi S.p.a.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Break	90	MPa	ASTM D 638
Flexural Modulus	6500	MPa	ASTM D 790
Flexural Strength	130	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	192	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	115	J/m	ASTM D 256
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, normal	30	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	138	°C	ASTM D 648
Vicat Temperature	145	°C	ASTM D 1525
Electrical properties			
ISO Data			
Relative permittivity, 1MHz	3.2	-	IEC 62631-2-1
Other properties			
Humidity absorption	0.05	%	Sim. to ISO 62
Density	1440	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

General Chemical Resistance

Regional Availability

Europe