

NEVIFLAM PBT 160 G30

PBT-GF30

Nevicolor S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Stress at break	135	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	9000	MPa	ISO 178
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Vicat softening temperature, A	220	°C	ISO 306
Vicat softening temperature, B	205	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Density	1650	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

Europe