

NEVIMID 66 A G50

PA66-GF50

Nevicolor S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	16000	MPa	ISO 527
Stress at break	205	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	14000	MPa	ISO 178
Izod impact strength, +23°C	90	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	255	°C	ISO 75-1/-2
Vicat softening temperature, A	255	°C	ISO 306
Vicat softening temperature, B	250	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-

Other properties	Value	Unit	Test Standard
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1580	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

High impact or impact modified

Regional Availability

Europe