

4MID 9B22150

PA6-GF50

4Plas

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	13500	MPa	ISO 527
Stress at break	160	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	10500	MPa	ISO 178
Charpy impact strength, +23°C	75	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	65	kJ/m ²	ISO 179/1eU
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	10 -30	kJ/m ² °C	ISO 180/1A -
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Vicat softening temperature, B	210	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	HB 3.2	class mm	IEC 60695-11-10 -
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	500	-	IEC 60112
Other properties			
Density	1550	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Characteristics**Regional Availability**

Europe