

4TECH 9G22150 H

PPA-GF50

4Plas

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	18000	MPa	ISO 527
Stress at break	250	MPa	ISO 527
Strain at break	2	%	ISO 527
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Izod notched impact strength	13	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	315	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	290	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	305	°C	ISO 75-1/-2
Vicat softening temperature, B	295	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Comparative tracking index	550	-	IEC 60112
Other properties			
Density	1630	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

Europe