

4DUR 9K22145

PBT-GF45

4Plas

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	16000	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	12000	MPa	ISO 178
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	8	kJ/m ²	ISO 180/1A
	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Vicat softening temperature, B	215	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB	class	IEC 60695-11-10
Burning behav. at thickness h Thickness tested	1.6	mm	-
	HB	class	IEC 60695-11-10
	3.2	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1680	kg/m ³	ISO 1183
Moisture Content	0.08	%	-

Characteristics**Regional Availability**

Europe