

4DUR 9K22330 XFR1

PBT-(GF+GB)30

4Plas

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Stress at break	90	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Izod impact strength, +23°C	24	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	6 -30	kJ/m ² °C	ISO 180/1A -

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	195	°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	V-0 1.6	class mm	IEC 60695-11-10 -
Yellow Card available	yes	-	-

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
Comparative tracking index	175	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1690	kg/m ³	ISO 1183
Moisture Content	0.08	%	-

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

Europe