

4DUR 9K22220 FR1

PBT-GB20

4Plas

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3750	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	5	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Izod notched impact strength	4	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-

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	70	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	170	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	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	1570	kg/m ³	ISO 1183
Moisture Content	0.1	%	-

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

Europe