

**4DUR 9K22115 FR1**

PBT-GF15

4Plas

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	6500	MPa	ISO 527
Stress at break	100	MPa	ISO 527
Strain at break	3	%	ISO 527
Izod impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	5 -30	kJ/m <sup>2</sup> °C	ISO 180/1A -

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Vicat softening temperature, B	205	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-0 0.8	class mm	IEC 60695-11-10 -

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Comparative tracking index	225	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1430	kg/m <sup>3</sup>	ISO 1183
Moisture Content	0.08	%	-

**Characteristics****Special Characteristics**

Flame retardant

**Regional Availability**

Europe