

PIBITER NRV15S1

Product information

Part Marking Code	(PBT+SAN)-GF15	ISO 11469
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Rheological properties

Moulding shrinkage range, parallel	0.6 - 0.7 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.8 - 0.9 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	5500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	93 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.3 %	ISO 527-1/-2
Flexural Modulus	4700 MPa	ISO 178
Charpy impact strength, 23°C	60 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	6.8 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	190 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218 °C	ISO 75-1/-2

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
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Other properties

Density	1340 kg/m ³	ISO 1183
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Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Max. mould temperature	60 - 90 °C

