

PIBITER NRV20S1

Product information

Part Marking Code	(PBT+SAN)-GF20	ISO 11469
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Typical mechanical properties

Tensile Modulus	6600 MPa	ISO 527-1/-2
Stress at break, 5mm/min	100 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.7 %	ISO 527-1/-2
Flexural Modulus	6300 MPa	ISO 178
Charpy impact strength, 23°C	50 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	7 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	7 kJ/m ²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	185 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	205 °C	ISO 75-1/-2

Flammability

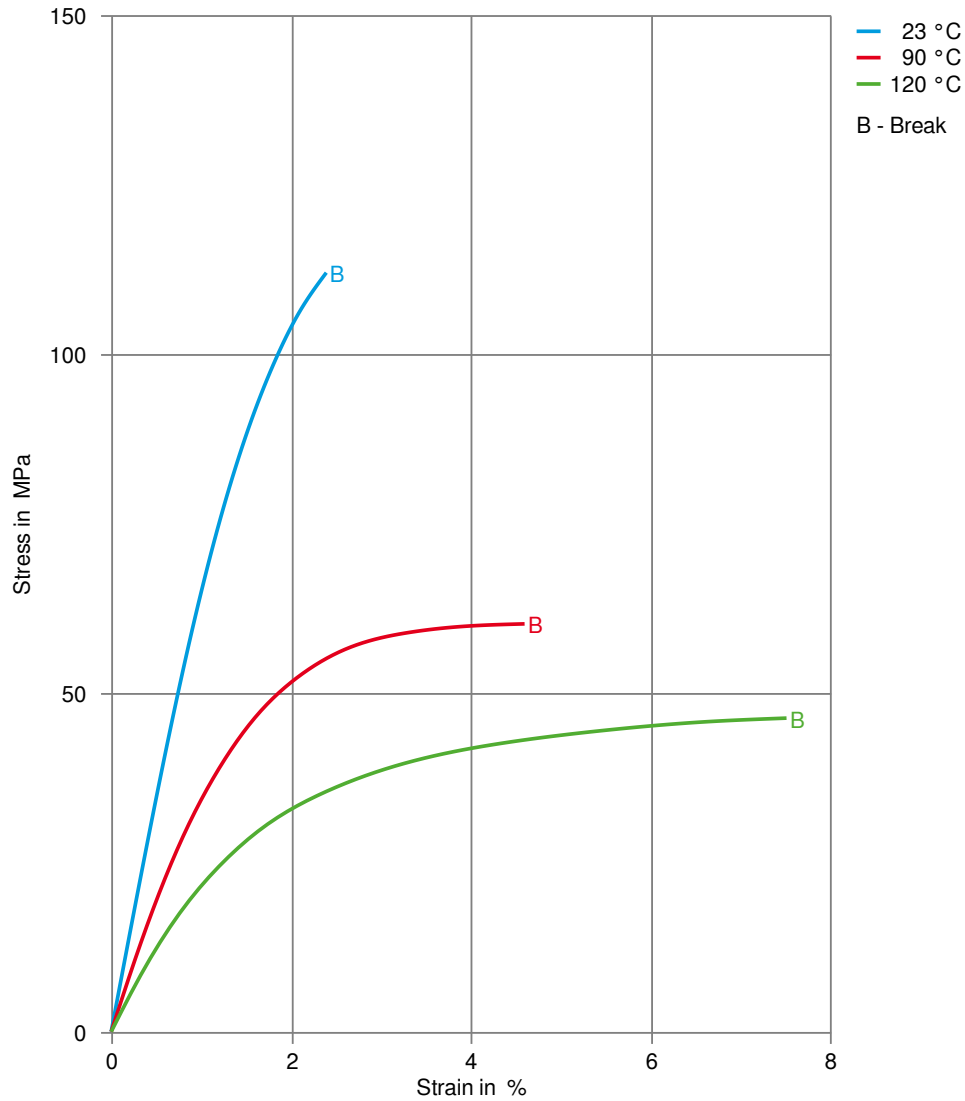
Burning Behav. at thickness h	HB class	UL 94
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Other properties

Density	1390 kg/m ³	ISO 1183
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Stress-strain



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Secant modulus-strain

