

Pocan® B3235E 000000
PBT-GF30

Envalior

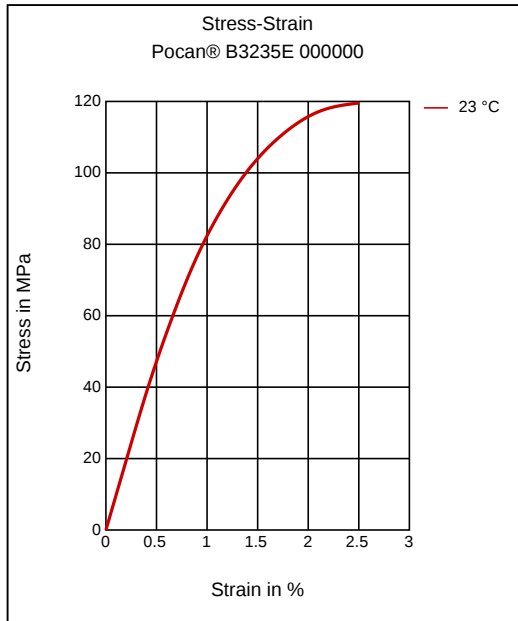
Injection Molding, 30% Glass Reinforced, Improved flow

ISO 1043 PBT-GF30

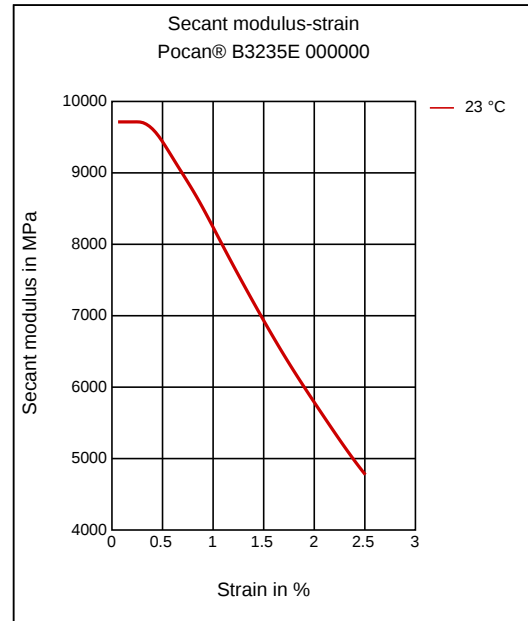
Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	2.16	kg	-
Mechanical Properties			
ISO Data			
Tensile Modulus	9800	MPa	ISO 527
Stress at Break	120	MPa	ISO 527
Strain at Break	2.6	%	ISO 527
Thermal Properties			
ISO Data			
Melting Temperature (10°C/min)	225	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	207	°C	ISO 75-1/-2
Electrical Properties			
ISO Data			
Comparative tracking index	600	-	IEC 60112
Other Properties			
ISO Data			
Density	1530	kg/m ³	ISO 1183
Test specimen production			
ISO Data			
Injection Molding, melt temperature	260	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294

Diagrams

Stress-strain



Secant modulus-strain



Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Electrically Conductive, Heat aging stabilized

Injection Molding

PREPROCESSING

Residual moisture content: 0.00 - 0.02 %

Drying temperature circulating air dryer: 120 °C

Drying time circulating air dryer: 4 - 8 h

PROCESSING

Melt temperature (Tmin - Tmax): 250 - 270 °C

Mold temperature: 80 - 100 °C

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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