

Pocan[®] B3235E

PBT—GF30

30% Glass Reinforced, Injection Molding, Improved flow

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	VALUE		
Melt volume—flow rate	25	cm ³ /10min	ISO 1133
Temperature	260	°C	ISO 1133
Load	2.16	kg	ISO 1133
MECHANICAL PROPERTIES	VALUE		
Tensile modulus	9800	MPa	ISO 527-1/-2
Stress at break	120	MPa	ISO 527-1/-2
Strain at break	2.6	%	ISO 527-1/-2
Flexural modulus	9000	MPa	ISO 178
Flexural strength	195	MPa	ISO 178
Flexural strain at flexural strength	3	%	ISO 178-A
THERMAL PROPERTIES	VALUE		
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	VALUE		
Comparative tracking index	600	V	IEC 60112
OTHER PROPERTIES	VALUE		
Density	1530	kg/m ³	ISO 1183
PROCESSING RECOMMENDATIONS	VALUE		



Property Data

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
Drying temperature circulating air dryer	120	°C	
Drying time circulating air dryer	4–8	h	
Residual moisture content	0.00–0.02	%	acc. to Karl Fischer
Melt temperature (Tmin – Tmax)	250–270	°C	
Mold temperature	80–100	°C	

