

# Pocan<sup>®</sup> T7245 000000

## PET-(GF+MX)45

45% Glass/Mineral Reinforced, Injection Molding

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>RHEOLOGICAL PROPERTIES</b>			
	VALUE		
Melt volume-flow rate	35	cm <sup>3</sup> /10min	ISO 1133
Temperature	270	°C	ISO 1133
Load	5	kg	ISO 1133
Molding shrinkage (normal)	1	%	ISO 294-4
Molding shrinkage (parallel)	0.4	%	ISO 294-4
<b>MECHANICAL PROPERTIES</b>			
	VALUE		
Tensile modulus	12000	MPa	ISO 527-1/-2
Stress at break	115	MPa	ISO 527-1/-2
Strain at break	1.6	%	ISO 527-1/-2
Charpy impact strength (+23°C)	30	kJ/m <sup>2</sup>	ISO 179/1eU
<b>THERMAL PROPERTIES</b>			
	VALUE		
Melting temperature (10°C/min)	260	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	180	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	230	°C	ISO 75-1/-2
<b>ELECTRICAL PROPERTIES</b>			
	VALUE		
Comparative tracking index	225	V	IEC 60112
<b>OTHER PROPERTIES</b>			
	VALUE		
Density	1820	kg/m <sup>3</sup>	ISO 1183

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