

Pocan B 3215 XF 901510

Property	Test Condition	Unit	Standard	guide value
Rheological properties				
C Melt volume-flow rate	260 °C; 2.16 kg	cm ³ /(10 min)	ISO 1133	33
C Molding shrinkage, parallel	60x60x2; 260 °C / MT 80 °C; 600 bar	%	ISO 294-4	1.0
C Molding shrinkage, transverse	60x60x2; 260 °C / MT 80 °C; 600 bar	%	ISO 294-4	1.2
Post- shrinkage, parallel	60x60x2; 120 °C; 4 h	%	ISO 294-4	0.1
Post- shrinkage, transverse	60x60x2; 120 °C; 4 h	%	ISO 294-4	0.1
Mechanical properties (23 °C/50 % r. h.)				
C Tensile modulus	1 mm/min	MPa	ISO 527-1,-2	4200
C Tensile Stress at break	5 mm/min	MPa	ISO 527-1,-2	70
C Tensile Strain at break	5 mm/min	%	ISO 527-1,-2	3.5
C Charpy impact strength	23 °C	kJ/m ²	ISO 179-1eU	40
C Charpy notched impact strength	23 °C	kJ/m ²	ISO 179-1eA	<10
Izod impact strength	23 °C	kJ/m ²	ISO 180-1U	35
Izod impact strength	-30 °C	kJ/m ²	ISO 180-1U	25
Izod notched impact strength	23 °C	kJ/m ²	ISO 180-1A	<10
Flexural modulus	2 mm/min	MPa	ISO 178	4000
Flexural strength	2 mm/min	MPa	ISO 178	120
Flexural strain at flexural strength	2 mm/min	%	ISO 178	4.3
Flexural stress at 3.5 % strain	2 mm/min	MPa	ISO 178	115
Thermal properties				
C Melting temperature	10 °C/min	°C	ISO 11357-1,-3	222
C Temperature of deflection under load	1.80 MPa	°C	ISO 75-1,-2	180
Other properties (23 °C)				
C Density		kg/m ³	ISO 1183	1340
Glass fiber / glass bead / filler content		%	ISO 3451-1	10
Processing conditions for test specimens				
C Injection molding-Melt temperature		°C	ISO 294	260
C Injection molding-Mold temperature		°C	ISO 294	80

C These property characteristics are taken from the CAMPUS plastics data bank and are based on the international catalogue of basic data for plastics according to ISO 10350.



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Typical Properties

Property data is provided as general information only. Property values are approximate and are not part of the product specifications.

Flammability

Flammability results are based on small-scale laboratory tests for purposes of relative comparison and are not intended to reflect the hazards presented by this or any other material under actual fire conditions.

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LANXESS Corporation | Pittsburgh, PA 15275

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