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Technical Data Sheet

LCA® PC/ABS T88-2N Type

10% Fiberglass Reinforced PC+ ABS

Typical Compound Properties	Value / Measure		Test Methods
Physical Properties			
	English Units (ISO)	Metric Units	
Melt Flow Rate @ 260 / 5.0	20 g/10 min		ASTM D-1238
Density	1.22 g/cm ³	1.22 g/cm ³	ASTM D-792
Ash Content	10 %	10 %	ASTM D-5630
Linear Mold Shrinkage	0.005 in/in	0.005 mm/mm	ASTM D-955
Mechanical Properties			
Izod Impact - Notched	2 ft-lb/in (kJ/m ²)	107 J/m	ASTM D-256
Tensile Strength @ Yield	8,700 psi (Mpa)	60 MPa	ASTM D-638
Tensile Strength @ Break	psi (Mpa)	0 MPa	ASTM D-638
Tensile Elongation @ Yield	%	0 %	ASTM D-638
Tensile Elongation @ Break	7 %	7 %	ASTM D-638
Flexural Strength @ Yield	psi (Mpa)	0 MPa	ASTM D-790
Flexural Stress @ Break	psi (Mpa)	0 MPa	ASTM D-790
Flexural Stress @ 5% Strain	psi (Mpa)	0 MPa	ASTM D-790
Flexural Modulus	540,000 psi (Mpa)	3,726 MPa	ASTM D-790
Thermal Properties			
DTUL @ 66 psi (455 kPa)	Deg. F	-18 Deg. C	ASTM D-648
@ 264 psi (1820 kPa)	124 Deg. F	51 Deg. C	ASTM D-648
Vicat Softening Temperature	Deg. F	Deg. C	ASTM D-1525

All tests are performed on dry as molded ASTM (ISO) test bars.

General Product Type Information

The property values listed above have been obtained using laboratory controlled test methods. They are offered without guarantee since conditions under which the product is used are beyond our control. Therefore, Uniplas, Inc. disclaims any liability for loss or damage incurred in connection with the use of this product.

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