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## Technical Data Sheet

### LCA® ABS 30GF

### ABS 30% Fiberglass Reinforced

Typical Compound Properties	Value / Measure		Test Methods
<b>Physical Properties</b>			
	English Units (ISO)	Metric Units	
Melt Flow Rate @ 230 / 3.8	5 g/10 min		ASTM D-1238
Density	1.3 g/cm <sup>3</sup>	1.3 g/cm <sup>3</sup>	ASTM D-792
Ash Content	30 %	30 %	ASTM D-5630
Linear Mold Shrinkage	.001 - 0.002 in/in	mm/mm	ASTM D-955
<b>Mechanical Properties</b>			
Izod Impact - Notched	1 ft-lb/in (kJ/m <sup>2</sup> )	53 J/m	ASTM D-256
Tensile Strength @ Yield	9,500 psi (Mpa)	66 MPa	ASTM D-638
Tensile Strength @ Break	psi (Mpa)	0 MPa	ASTM D-638
Tensile Elongation @ Yield	%	0 %	ASTM D-638
Tensile Elongation @ Break	%	0 %	ASTM D-638
Flexural Strength @ Yield	14,300 psi (Mpa)	99 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	990,000 psi (Mpa)	6,831 MPa	ASTM D-790
<b>Thermal Properties</b>			
DTUL @ 66 psi (455 kPa)	Deg. F	Deg. C	ASTM D-648
@ 264 psi (1820 kPa)	215 Deg. F	102 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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