Technical Data Sheet

LCA® PC-ZF1216UV

Unreinforced Polycarbonate, Injection Molding Grade, PIR content

Physical Properties	Nominal Value	Unit	Test Methods
Melt Flow Rate (300 c/1.2 kg)	10.50	g/10 min	ASTM D-1238
Density	1.20	g/cm3	ASTM D-792
Mechanical Properties			
Izod Impact (0.125 in.)	16	ft-lb/in	ASTM D-256
Tensile strength	9,100	psi	ASTM D-638
Flexural Modulus	340,000	psi	ASTM D-790
Thermal Properties			
HDT (264 psi) Unannealed	270	°F	ASTM D-648

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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Typical Processing Conditions

Temperatures		F
Barrel	Rear	560-580
	Center	560-600
	Front	600-640
	Nozzle	620-650
	Mold	180 - 240

Drying	
Type	Dehumidifier
Temperature	250
Time	4

Special Requirements

Optimum processing conditions will depend on such factors as machine size, screw design, part dimension, mold design, runner and gate design, and material residence time. These recommendations are intended only as a guide to achieve stable processing and good part quality.

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