

**DIC-PPS CZL-2000**

(PPS+PTFE)-CF

DIC Trading (USA) Inc.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0025</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>8500</b>	MPa	ASTM D 638
Tensile Strength	<b>100</b>	MPa	ASTM D 638
Elongation at Break	<b>0.8</b>	%	ASTM D 638
Compressive Strength	<b>120</b>	MPa	ASTM D 695
Flexural Modulus	<b>8000</b>	MPa	ASTM D 790
Flexural Strength	<b>110</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 118</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>45</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>200</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>0.8</b>	mm	-
Coefficient of Thermal Expansion, MD	<b>21</b>	E-6/K	ASTM D 696
DTUL @ 264 psi	<b>265</b>	°C	ASTM D 648

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Volume Resistivity	<b>1E8</b>	Ohm*cm	ASTM D 257

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.07</b>	%	ASTM D 570
Density	<b>1520</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Black

**Features**

Tribologic Grade

**Additives**

Lubricants

**Regional Availability**

North America, Europe, Asia Pacific