

**DIC-PPS CZE-1200**

PPS-(GF+MX)

DIC Trading (USA) Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	20000	MPa	ASTM D 638
Tensile Strength	100	MPa	ASTM D 638
Elongation at Break	0.6	%	ASTM D 638
Compressive Strength	120	MPa	ASTM D 695
Flexural Modulus	19000	MPa	ASTM D 790
Flexural Strength	150	MPa	ASTM D 790
Rockwell Hardness	R 121	-	ASTM D 785
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	200	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
Coefficient of Thermal Expansion, MD	20	E-6/K	ASTM D 696
DTUL @ 264 psi	265	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Volume Resistivity	1000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.03	%	ASTM D 570
Density	1900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Black

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

Increased electrical conductivity