

**DIC-PPS Z-230**

PPS-GF30

DIC Trading (USA) Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.012	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	9300	MPa	ASTM D 638
Tensile Strength	155	MPa	ASTM D 638
Elongation at Break	2.4	%	ASTM D 638
Compressive Strength	150	MPa	ASTM D 695
Flexural Modulus	8500	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	140	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	750	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Coefficient of Thermal Expansion, MD	22	E-6/K	ASTM D 696
DTUL @ 264 psi	255	°C	ASTM D 648
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Dielectric Strength, Short Time	16	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.005	-	ASTM D 150
Dielectric Constant, 1 MHz	5	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	1530	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Black

**Features**

Thermal Stability

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America, Europe, Asia Pacific