

DIC-PPS Z-650-S2

PPS-(GF+MX)

DIC Trading (USA) Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	13000	MPa	ISO 527
Tensile Strength	160	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus, 23°C	13000	MPa	ISO 178
Charpy impact strength, +23°C	54	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
ASTM Data			
Compressive Strength	170	MPa	ASTM D 695
Rockwell Hardness	R 118	-	ASTM D 785
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	260	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	630	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.005	-	ASTM D 150
Dielectric Constant, 1 MHz	5	-	ASTM D 150
Volume Resistivity	1E16	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	1710	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

High impact or impact modified