

EMI 1361

PPS-MEF(x)10

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	4137	MPa	ASTM D 638
Tensile Strength	58.6	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	4137	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1000000	Ohm	ASTM D 257
Volume Resistivity	1	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ASTM D 792
Moisture Content	0.04	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	149	°C	-
Pre-drying - Time	6	h	-
Melt temperature	307 - 324	°C	-
Mold temperature	135 - 177	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Increased electrical conductivity

Features

EMI Attenuation/Shielding

Regional Availability

North America, Europe, Asia Pacific