EMI 330 D FR

PC-MEF(x)7 RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	**0.0065**	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	**2896**	MPa	ASTM D 638
Tensile Strength	**64.1**	MPa	ASTM D 638
Elongation at Break	**8**	%	ASTM D 638
Flexural Modulus	**2896**	MPa	ASTM D 790
Flexural Strength	**64.1**	MPa	ASTM D 790
Izod Impact notched, 1/8 in	**69.4**	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	**V-0**	-	UL 94
Thickness tested	**1.59**	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	**100000**	Ohm	ASTM D 257
Volume Resistivity	**100**	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	**1350**	kg/m³	ASTM D 792
Moisture Content	**0.02**	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**121**	°C	-
Pre-drying - Time	**4**	h	-
Melt temperature	**277 - 304**	°C	-
Mold temperature	**71.1 - 121**	°C	-
Injection pressure	**68.9 - 103**	MPa	-

Characteristics

Processing
Injection Molding

Features
EMI Attenuation/Shielding

Special Characteristics
Increased electrical conductivity, Flame retardant

Regional Availability
North America, Europe, Asia Pacific