

EMI 861 TFE 8

(POM+PTFE)-MEF(x)

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.02	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2413	MPa	ASTM D 638
Tensile Strength	55.2	MPa	ASTM D 638
Flexural Modulus	2413	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	94.4	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257
Volume Resistivity	10	Ohm*cm	ASTM D 257
Other properties			
Density	1530	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	2	h	-
Melt temperature	199 - 218	°C	-
Mold temperature	82.2 - 107	°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