

EMI 863

POM-MEF(x)20

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.026	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	3378	MPa	ASTM D 638
Tensile Strength	40	MPa	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	3034	MPa	ASTM D 790
Flexural Strength	67.6	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	97.8	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1000	Ohm	ASTM D 257
Volume Resistivity	1	Ohm*cm	ASTM D 257
Other properties			
Density	1570	kg/m ³	ASTM D 792
Moisture Content	0.15	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	2	h	-
Melt temperature	177 - 213	°C	-
Mold temperature	71.1 - 98.9	°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