

Iupiace® EHM1000 9905M

Polyphenylene Ether + PS

Mitsubishi Engineering-Plastics Corp

Message:

Iupiace® EHM1000 9905M is a Polyphenylene Ether + PS (PPE+PS) material. It is available in Asia Pacific, Europe, or North America for injection molding. Primary attribute of Iupiace® EHM1000 9905M: Antistatic.

General Information			
Additive	Antistatic		
Features	Antistatic		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Molding Shrinkage			
Across Flow : 3.20 mm	0.70 to 0.90	%	
Flow : 3.20 mm	0.70 to 0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	60.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	9.0	%	ISO 527-2
Flexural Modulus (23°C)	2600	MPa	ISO 178
Flexural Stress (23°C)	102	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	100	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	161	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	ohms	IEC 60093
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	290 to 310	°C	
Middle Temperature	310 to 330	°C	
Front Temperature	310 to 330	°C	
Nozzle Temperature	310 to 330	°C	
Mold Temperature	110 to 130	°C	
Injection Pressure	20.0 to 150	MPa	
Injection Rate	Moderate		
Screw Speed	60 to 150	rpm	

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Recommended distributors for this material

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