

IUPIACE EHM1000 9905M2

(PPE+PS)-CD

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	12	cm ³ /10min	ISO 1133
Temperature	320	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	9	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	102	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	159	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Surface resistivity	5000	Ohm	IEC 62631-3-2
Other properties			
Density	1140	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100 - 120	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	110 - 130	°C	-
Zone 1	290 - 310	°C	-
Zone 2	310 - 330	°C	-
Zone 3	310 - 330	°C	-
Screw speed	60 - 150	rpm	-
Injection pressure	20 - 150	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Increased electrical conductivity

Applications

Automotive, Electrical and Electronical, General Purpose

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa