

IUPIACE HD7007

(PPE+PS)

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	6.5	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4900	MPa	ISO 527
Stress at break	60	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	4800	MPa	ISO 178
Flexural strength	95	MPa	ISO 178
Charpy impact strength, +23°C	12	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	125	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	0.1	%	Sim. to ISO 62
Density	1320	kg/m ³	ISO 1183

Characteristics**Applications**

Automotive, Electrical and Electronical, General Purpose

Regional Availability

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