

Iupiace NXG7201 8240

(PPE+PA6)-GF20

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	6 / *	cm ³ /10min	ISO 1133
Temperature	290 / *	°C	-
Load	2.16 / *	kg	-
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	6000 / 4100	MPa	ISO 527
Yield stress	- / 73	MPa	ISO 527
Yield strain	- / 5.1	%	ISO 527
Stress at break	97 / -	MPa	ISO 527
Strain at break	2.2 / 11	%	ISO 527
Flexural modulus, 23°C	5700 / -	MPa	ISO 178
Flexural strength	171 / -	MPa	ISO 178
Charpy notched impact strength, +23°C	6 / 9	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	190 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30 / *	E-6/K	ISO 11359-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1260 / -	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