

Iupiace NX7000

(PPE+PA6)

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5.5 / *	cm ³ /10min	ISO 1133
Temperature	275 / *	°C	-
Load	2.16 / *	kg	-
Molding shrinkage, parallel	1.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2500 / 1600	MPa	ISO 527
Yield stress	65 / 46	MPa	ISO 527
Yield strain	4.1 / 9.9	%	ISO 527
Strain at break	20 / 140	%	ISO 527
Flexural modulus, 23°C	2500 / -	MPa	ISO 178
Flexural strength	102 / -	MPa	ISO 178
Charpy notched impact strength, +23°C	30 / 77	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	180 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	90 / *	E-6/K	ISO 11359-1/-2
Other properties			
Density	1100 / -	kg/m ³	ISO 1183

Characteristics**Applications**

Automotive, Electrical and Electronical, General Purpose

Regional Availability

North America, Europe, Asia Pacific