

Iupiacce NX9000

(PPE+PA66)

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	1.8	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Yield stress	65	MPa	ISO 527
Yield strain	4.5	%	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Charpy notched impact strength, +23°C	25	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	190	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1110	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