

**IUPIACE LN80**

(PPE+PS)

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	6.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	79	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Flexural strength	115	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	127	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	140	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	55	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	58	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	3E14	Ohm*m	IEC 62631-3-1
Surface resistivity	2E15	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Water absorption	0.07	%	Sim. to ISO 62
Density	1100	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Applications**

Automotive, Electrical and Electronical, General Purpose

**Regional Availability**

North America, Europe, Asia Pacific