

**Reny 1527**

PAMXD6-GF50

Mitsubishi Engineering-Plastics Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	19000	MPa	ISO 527
Stress at break	220	MPa	ISO 527
Strain at break	1.6	%	ISO 527
Flexural modulus, 23°C	20000	MPa	ISO 178
Flexural strength	360	MPa	ISO 178
Charpy impact strength, +23°C	61	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	231	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Yellow Card available	yes	-	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	325	-	IEC 60112
<b>Other properties</b>			
Density	1710	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3	h	-
Mold temperature	120 - 140	°C	-
Zone 1	265	°C	-
Zone 2	270	°C	-
Zone 3	275	°C	-
Nozzle temperature	275	°C	-
Screw speed	60 - 150	rpm	-
Injection pressure	20 - 150	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black, Natural Color, White

**Special Characteristics**

Flame retardant, Halogen-free

**Applications**

Automotive, Electrical and Electronical, General Purpose

**Regional Availability**

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