

**TECHNIACE™ PAX-1439**

(PC+ABS)

Nippon A&amp;L Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	13	cm <sup>3</sup> /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	0.5	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	49	MPa	ISO 527
Flexural modulus, 23°C	2050	MPa	ISO 178
Flexural strength	77	MPa	ISO 178
Charpy notched impact strength, +23°C	80	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 116	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	97	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	78	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1120	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	240 - 280	°C	-
Mold temperature	40 - 80	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific