

## Pelnox®

<b>Product Name</b>	<b>ZC-203TI</b>
<b>Product Category</b>	Resin for Semiconduntors, One Component Type Resin
<b>Usage</b>	Semiconductor Modules
<b>Function</b>	One Component Type, Flame Resistant

**As supplied** (Typical Value)

Item	Condition	Unit	ZC-203TI
<b>Appearance</b>	visual	—	Black liquid
<b>Specific Gravity</b>	25℃	—	1.76
<b>Viscosity</b>	25℃	mPa·s	38,000
<b>Gel Teime</b>	150℃ hot plate	分	3

**Standard Curing Condition**      **150℃ x 1.5 hours**

**As supplied**

Item	Condition	Unit	Typical Value
<b>Hardness</b>	JIS K-7215 25℃	Shore D	94
<b>Heat Distortion Temperature</b>	JIS K-7191-3	℃	114
<b>Glass Transition Temperature</b>	TMA	℃	113
<b>Coefficient of Thermal</b>	below Tg	10 <sup>-5</sup> /℃	2.3
	above Tg	10 <sup>-5</sup> /℃	8.5
<b>Flexural Strength</b>	JIS K-6911	MPa	107
<b>Flexural Modulus</b>	JIS K-6911	MPa	10,500
<b>Volume Resistivity</b>	JIS K 6911 25℃	Ω-cm	1.4 x 10 <sup>17</sup>
	JIS K 6911 boil for 24hrs	Ω-cm	7.9 x 10 <sup>15</sup>
	JIS K 6911 PCT for 24hrs	Ω-cm	1.1 x 10 <sup>14</sup>
<b>Water Absorption</b>	JIS K 6911 boil for 24hrs	wt%	0.38
	JIS K 6911 PCT for 24hrs	wt%	0.66
<b>Flame Resistance</b>	UL-94		V-0

The above values are typical and not specification.



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