

## Pelnox®

<b>Product Name</b>	ME-5080 LC
<b>Product Category</b>	One Component Type Resin
<b>Usage</b>	General Modules
<b>Function</b>	One Component, Low Stress, Low Curing Shrinkage, Stress Release

### As supplied

(Typical Value)

Item	Condition	Unit	ME-5080 LC
<b>Appearance</b>	visual	–	Black viscous liquid
<b>Specific Gravity</b>	25°C	–	1.74
<b>Viscosity</b>	25°C	mPa·s	280,000
<b>Gel Time</b>	130°C hot plate	minute	about 15minutes

**Standard Curing Condition 130°C x 1 hours**

### As cured

Item	Condition	Unit	Typical Value
<b>Hardness</b>	JIS K-7215 25°C	Shore D	92
<b>Glass Transition Temperature</b>	TMA	°C	34
<b>Coefficient of Thermal Expansion</b>	below Tg	10 <sup>-5</sup> /°C	2.3
	above Tg	10 <sup>-5</sup> /°C	9.2
<b>Volume Resistivity</b>	JIS K 6911 25°C	Ω-cm	2.5 x 10 <sup>15</sup>

The above values are typical and not specification



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