

## Pelnox®

<b>Product Name</b>	AT17-S
<b>Product Category</b>	Conformal Coating
<b>Usage</b>	Car Electro Devices, Sensors, Relays, General Modules, Conformal Coating
<b>Function</b>	One Component, Flexible, Low Stress, Low Temperature Curing, Environmentally Friendly, Fast Curing, UV Curing

### As supplied

Item	Condition	Unit	Typical Value
<b>Appearance</b>	visual	—	Pale yellowish-white liquid
<b>Viscosity</b>	TVE-25H cone plate3° -R14 25°C	mPa.s	34,000

**Standard Curing Condition**    **UV irradiation 1,600mJ/cm<sup>2</sup>**  
(Coating thickness: about 1 mm, high-pressure mercury lamp365nm)

### As cured

Item	Condition	Unit	Typical Value
<b>Glass Transition Temperature</b>	DSC	°C	6
<b>Shear Adhesive Strength</b>	25°C, PET-PET	MPa	≥7
<b>Water absorption rate</b>	JIS K 6911	%	0.3
<b>Humidity permeability</b>	JIS Z 0208, 200μm	g/m <sup>2</sup> *24h	52
<b>Breakdown Voltage</b>	JIS C 2110-1	kV/mm	40
<b>Insulation resistance</b>	60°C95%RH, 16V, 1000h	Ω	≥1.0×10 <sup>9</sup>

The above values are typical and not specification



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