

Pelnox®

Product Name	ME-5890 LC
Product Category	One Component Type Resin, Seal for Thermostat & Relay
Usage	Thermal Fuse
Function	One Component Type

As supplied

(Typical Value)

Item	Condition	Unit	ME-5890 LC
Appearance	visual	—	Black viscous liquid
Specific Gravity	25°C	—	1.60
Viscosity	25°C	mPa·s	35,000
Gel Time	150°C hot plate	minute	3.5

Standard Curing Condition 140°C x 15 minutes

As cured

Item	Condition	Unit	Typical Value
Hardness	JIS K-7215 25°C	Shore D	90
Glass Transition Temperature	TMA	°C	123
Coefficient of Thermal Expansion	below Tg	10 ⁻⁵ /°C	3.6
Shear Adhesive Strength	JIS K-6850 Fe-Fe	MPa	20
Volume Resistivity	JIS K 6911 25°C	Ω-cm	2.0 x 10 ¹⁶
Water Absorption	JIS K 6911 boil for 2hrs	wt%	0.33

The above values are typical and not specification.



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