

Pelnox®

Product Name	ME-105/HY-331
Product Category	Resin for Car Electro Devices & Sensors, Seal for Thermostat & Relay
Usage	General Module, Sensors, Relays
Function	Heat Resistant, Humidity Resistant

As supplied

(Typical Value)

Item	Condition	Unit	ME-105	HY-331
Appearance	visual	—	Clear, Black, White	Light yellow clear
Specific Gravity	25°C	—	1.15	0.95
Viscosity	25°C	mPa·s	4,000	35
Mixing Ratio	parts by weight		100/40	

Standard Curing Condition 25°C x 24 hours or more

As cured

Item	Condition	Unit	Typical Value
Hardness	JIS K-7215 25°C	ShoreD	83
Heat Distortion Temp.	JIS K-7191-3	°C	43
Flexural Strength	JIS K-7171	MPa	83
Flexural Modulus	JIS K-7171	MPa	3,200
Volume Resistivity	JIS K 6911 25°C	Ω-cm	2.0×10^{17}
	JIS K 6911 boil for 2hrs	Ω-cm	1.4×10^{13}
Water Absorption	JIS K 6911 boil for 2hrs	wt%	2.3

The above values are typical and not specification



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