

Pelnox®

Product Name	ME-352/HY-332
Product Category	Resin for Car Electro Devices & Sensors
Usage	Film Capacitors, General Modules
Function	Low Temperature Curing

As supplied

(Typical Value)

Item	Condition	Unit	ME-352	HY-332
Appearance	visual		Black viscous liquid	Light yellow liquid
Specific Gravity	25°C		1.59	0.99
Viscosity	25°C	mPa.s	24,000	37
Mixing Ratio	parts by weight		100/15	
Mixed Viscosity	25°C	mPa.s	3,500	

Standard Curing Condition 25°C x 24 hours or more

As cured

Item	Condition	Unit	Typical Value
Hardness	JIS K 7215 25°C	Shore D	84
Glass Transition Temperature	TMA	°C	41
Flexural Strength	JIS K 6911	MPa	67
Flexural Modulus	JIS K 6911	MPa	4,600
Water Absorption	JIS K 6911 boil for 2hrs	%	1.63
Volume Resistivity	JIS K 6911 at normal condition	Ω-cm	4.3 x 10 ¹⁴
Flame retardance	UL-94		equivalent to V-0

The above values are typical and not specification



PELNOX, LTD.

Tokyo Sales Office 3-7-2, Nihonbashi-Honcho, Chuo-ku, Tokyo, 103-0023, Japan
TEL : 81-3-5645-3782 FAX : 81-3-5645-3784

R&D Center 8-7, Bodai, Hadano-shi, Kanagawa, 259-1302, Japan
TEL : 81-463-86-8001 FAX : 81-463-86-8022