

Pelnox®

Product Name	MG-152 CLEAR / HY-336
Product Category	Resin for Car Electro Devices & Sensors, Seal for Thermostat & Relay
Usage	General Modules
Function	Flexible, Low Stress, Low Temperature Cure

As supplied

(Typical Value)

Item	Condition	Unit	MG-152 CLEAR	HY-336
Appearance	visual	–	Clear liquid	Light yellow liquid
Specific Gravity	25°C	–	1.10	0.96
Viscosity	25°C	mPa·s	3,500	110
Mixing Ratio	parts by weight		100/50	
Mixed Viscosity	25°C	mPa.s	560	

Standard Curing Condition 25°C x 24 hours or more

As cured

Item	Condition	Unit	Typical Value
Hardness	JIS K-7215 25°C	Shore A	42
Glass Transition Temperature	TMA	°C	-9
Coefficient of Thermal Expansion	below Tg	10 ⁻⁵ /°C	7.3
	above Tg	10 ⁻⁵ /°C	20.6
Youngs' Modulus	JIS K-6251	MPa	0.53
Elongation at break	JIS K-6251	%	162
Tensile Shear Strength	JIS K-6850 Cu - Cu	MPa	1.7
	JIS K-6850 PBT - PBT	MPa	1.2
Volume Resistivity	JIS K 6911 25°C	Ω-cm	2.2 x 10 ¹²
	JIS K 6911 boil for 2hrs	Ω-cm	7.5 x 10 ¹⁰
Water Absorption	JIS K 6911 boil for 2hrs	wt%	2.1

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