

Vistack

Product Name	NM-102A/NM-102B
Product Category	Epoxy Resin for Prototype Model
Usage	Prototype Model
Function	Heat Resistant, Highy Transparent

As supplied

(Typical Value)

Item	Condition	Unit	NM-102A	NM-102B
Appearance	visual	–	Light blue clear liquid	Colorless clear liquid
Specific Gravity	25°C	–	1.17	0.92
Viscosity	25°C	mPa·s	13,500	30
Mixing Ratio	parts by weight		100/30	
	parts by volume		100/38	
Pot Life	25°C	minute	90	
Gel Time	70°C	minute	25	

Standard Curing Condition 70°C x 2hours

As cured

Item	Condition	Unit	Typical Value
Curing Condition			70°C - 2hours
Appearance	Vvisual		Colorless Transparent
Hardness	ASTM D-2240 25°C	Shore D	84
Tensile Strength	JIS K-7113	MPa	82
Eongation	JIS K-7113	%	5
Flexural Strength	JIS K-7171	MPa	122
Flexural Modulus	JIS K-7171	MPa	2800
Impact Strength	JIS K-7110 Izod V Notch	kJ/m ²	5
Load Defoamation Temperature	JIS K-7191 Load 1.8MPa	°C	117
Shrinkage	thickness=4mm	%	0.23
C.T.E. *1	TMA	/°C	6.9 x 10 ⁻⁵
Thermal Conductiv	Hot Wire Method	W/mK	0.21

*1: Coefficient of Thermal Expansion

The above values are typical and not specification.



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