

Vistack®

Product Name	NM-102A/NM-110B
Product Category	Epoxy Resin for Prototype Model
Usage	Prototype Models
Function	Heat Resistant, High Transparent, Long Potlife

As supplied

(Typical Value)

Item	Condition	Unit	NM-102A	NM-102B
Appearance	visual	–	Slightly blue transparent	Colorless transparent
Specific Gravity	25°C	–	1.17	0.96
Viscosity	25°C	mPa·s	13,500	90
Mixed Viscosity	25°C	mPa·s	1100	
Mixing Ratio	parts by weight		100/45	
	parts by volume		100/55	
Pot Life	25°C	hour	3<	

Standard Curing Condition

60°C-3hour

As cured

Item	Condition	Unit	Typical Value
Curing Condition	–	-	60°C×3hour
Appearance	visual	-	Colorless transparent
Specific Gravity	JIS K-7112	-	1.15
Hardness	ASTM D-2240 25°C	shore D	82
Tensile Strength	JIS K-7113	MPa	–
Elongation	JIS K-7113	%	–
Flexural Strength	JIS K-7171	MPa	90
Flexural Modulus	JIS K-7171	MPa	2650
Impact Strength	JIS K-7110 Izod V-notch	kJ/m ²	10
Load Defoamation Temperature	JIS K-7207 Load 1.8MPa	°C	55
shrinkage	t = 4	%	–
Coefficient of Thermal Expansion	TMA	/°C	8.1×10 ⁻⁵
Glass Transition Temp.	TMA	°C	75

The above values are typical and not specification



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