

Vistack

Product Name	NM-350A/NM-350B
Product Category	
Usage	Hand Lay-up Laminating Resin
Function	Heat Resistant, Long Pot Life

As supplied

(Typical Value)

Item	Condition	Unit	NM-350A	NM-350B
Appearance	visual	—	Light yellow liquid	Light yellow liquid
Specific Gravity	25℃	—	1.17	0.95
Viscosity	25℃	mPa·s	2,000	78
Mixing Ratio	parts by weight		100/33	
	parts by volume		100/41	
Mixed Viscosity	25℃	mPa·s	640	
Gel Time	24℃, 100g	min	157	
Pot Life	25℃, 100g	min	—	
	25℃, 200g	min	89	
Peak Exothermic Temperature	25℃, 100g	℃	—	
	25℃, 200g	℃	236	

Standard Curing Condition 25℃/16hours + 60℃/2hours + 120℃/ 1 0 hours

As cured

Item	Condition	Unit	Typical Value
Appearance	visual		Yellow clear
Hardness	JIS K-7215 25℃	Shore D	86
Flexural Strength	JIS K-7171	MPa	114
Flexural Modulus	JIS K-7171	MPa	2400
Impact Strength	JIS K-7110 Izos V notch	kJ/m ²	11
Load Defoamation Temperature	JIS K-7191 Load 1.8MPa	℃	120

Comparison by Curing Conditions

Item	Condition	Unit	25℃/16h + 60℃/4h	25℃/16h + 80℃/4h
Hardness	JIS K-7215 25℃	Shore D	86	86
Flexural Strength	JIS K-7171	MPa	103	101
Flexural Modulus	JIS K-7171	MPa	2500	2200
Impact Strength	JIS K-7110 Izos V Notch	kJ/m ²	3	6
Load Defoamation Temperature	JIS K-7191 Load 1.8MPa	℃	71	90



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