



SPECIFICATION OF HEW502N TYPE SOLVENTLESS EPOXY RESIN

1. Scope

This specification describes HEW502N Type Solventless Epoxy Resin (hereafter abbreviated as HEW502N) to be used for adhesion of electrical machines.

2. Ingredient

- 2.1 HEW502N consists of main resin, hardener and accelerator. The composition and mixing ratio are given in Table 1.

Table 1

Composition	Symbol	Mixing ratio (wt)	Shelf life (months)
Main resin	HEW502NA	100	12
Hardener	HEW502NB	80	12
Accelerator	HEW502NC	2	12

- 2.2 As each composition will be sent separately, they have to be mixed before using.

3. Quality

- 3.1 Quality of HEW502N (liquid) which is mixed by Table 1 is given in Table 2 (liquid).
- 3.2 When HEW502N is cured at 130°C/12hrs, quality of HEW502N (solid) is given in Table 2 (solid).

Table 2

Liquid		Solid		
Viscosity (poise)	Gel-time (min)	Tensile strength (kg/cm ²)	Weight loss (%)	
Immediately after mixed at 25°C	after 30°C 4hrs	at 130°C	200°C/72hrs	
10 - 30	≤ 150	≤ 30	≥ 100	
			≤ 3	

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