

速能化工貿易有限公司 ULTRA ENERGY ADHESIVE TRADING CO. LTD.

香港九龍灣常悅道 20 號環球工商大廈 10 樓 9 室 Room 9, 10/F. International Plaza, 20 Sheung Yuet Road, Kowloon Bay, H.K. Tel: 852-2751 8880 Fax: 852-2795 1625 Web Site: <u>www.uea.com.hk</u> E-mail: <u>info@uea.com.hk</u>

TECHNICAL DATA SHEET

W1005A (RESIN) / W1005B (HARDENER)

Description

The W1005A/B system is a two component, liquid; room temperature cure epoxy adhesive, which is especially designed for process, required very fast curing. It offers excellent bonding strength and physical properties.

General Properties

		W1005A (RESIN)	W1005B (HARDENER)	
Color		Clear	Clear	
Viscosity (25℃)		15,000 - 18,000 (cps)	20,000 - 25,000 (cps)	
Specific gravity		1.20	1.00	
Shelf life (25℃)		6 months	6 months	
Mixing ratio	:	A:B = 100 : 80 - 100 (by weight)		
Pot life	:	25℃ x 2 mins. (100gms / Mass)		
Cure schedule	:	25℃ x 5 - 15 mins.		

Cured Physical Properties

Compressive strength (kg/mm²)	:	10
<pre>Impact strength (kg/cm/mm²)</pre>	:	5 - 7
Hardness rockwell (D)	:	80.00
Water absorption (24hrs.%)	:	<0.2
Heat distortion temperature (${}^{\circ}$)	:	81.00

^{**} All the information is provided on the basic in good faith, and is believed to be trustworthy but is for reference only. Adhesion is very complicated and the result of it is much dependent on the surface material, additives, releasing agents of the substrates and user's methods. UEA and its agents, dealers, distributors, directors and employees cannot accept any liability for the results whatsoever arising from the use of UEA's products due that the utilization of these products is simply out of UEA's control. The users are responsible for selecting the suitability of the products and methods of use.