

WB3601

Water-base Peelable Solder Mask

WB3601 is a quick-drying, peelable, latex solder mask suitable for hand application. It withstands fluxing, wave soldering, and cleaning, effectively protecting open through-holes and underside components during wave soldering. It can also serve as a conformal coatings mask. The mask remains until testing and is easily removed. It's ideal for situations requiring a thick mask layer and has been formulated to cure uniformly, removing any thickness limitation.

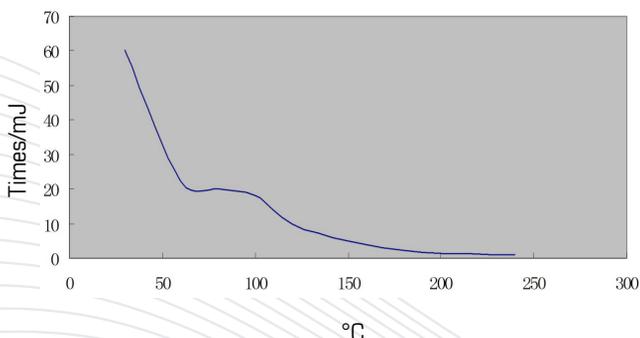
FEATURE

- Dries at room temperature, with heating reducing the drying time.
- Can be completely peeled off by hand, leaving no residue.
- Resistant to solvents and not broken down by shape coating.
- Has a very high film strength and won't break.
- Suitable for point-coating and brush coating.

TYPICAL PROPERTIES

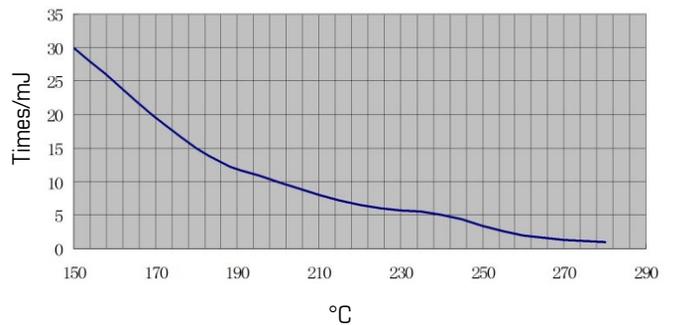
Properties	WB3601
Appearance	White or light pink heavy body
Drying time (thickness 2mm)	
@25°C, min	≤ 60
@120°C, min	10~15
@150°C, min	≤ 5
Solid content, %	68
Viscosity, mPa.s @25°C	12,000 ~ 24,000
Viscosity instrumentality	Deionized water

DRYING PROPERTIES



HEAT RESISTANCE PERFORMANCE

Dried for 1 hour at 80°C, and then test the temperature resistance of the dried film.



STORAGE AND SHELF LIFE

This product should be kept without any possibility of wet and heat exposure. Shelf life of this product is 6 months when stored at 8°C ~ 28°C before opening the containers.

PACKAGE SIZE

- 1 gal
- 250ml bottle

The data contained in this bulletin is provided only as a guide for evaluation/consideration. These material characteristics are typical properties that are based on a limited number of samples tested in the laboratory. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any product or method. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.