



# Functional polyester formaldehyde removal agent

## Better BK-3090

### *Product description:*

Better BK-3090 can be used as a film forming agent for the primer and finish of polyurethane wood coatings, and can also be mixed with other resins to adjust the performance. It has good compatibility with isocyanate curing agent.

The remarkable feature of the product is that the active component contained in the resin molecule can react with formaldehyde and cross-link with the paint film, so as to completely eliminate formaldehyde and ensure that there will be no secondary release and pollution of free formaldehyde.

The reaction has the characteristics of long effect, safety and stability.

### *Product specification:*

appearance	Light yellow transparent viscous liquid
chroma (Fe-Co)	≤3
Active content%	>85
viscosity (25°C )	400-1500 mpa. s
Solubility	Insoluble in water, soluble in most organic solvents, such as toluene, xylene, ethyl acetate, butyl acetate, PMA, ethanol, tert-butyl alcohol etc
Forbidden compound	Strong acid, strong alkali, strong oxidant

### *Scope of application:*

Suitable for solvent-based coatings.

### *Application suggestions and adding amount:*

1. This product contains highly active groups and is easy to react with organic amines. Therefore, it is necessary to avoid adding amine-containing compounds in the coating, such as dispersants of organic amines and oxime anti-scaling agents. Otherwise, it may not only affect the effect of formaldehyde removal of the product, but also increase the risk of color change and gelation of the coating.

2. During the production and use of the product, it is necessary to avoid long-term contact with the air, otherwise the resin will discolor and fail.

3. Reference dosage: 1-10% (accounting for the total amount).

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***Package specification and storage:***

200KG/barrel.

The product should be stored in a cool and dark place to prevent high temperature and heat. In the original packaging state, the storage period of the product is one year.

***Heavy metal content:***

content	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Zn
ppm	<5	<2.5	<10	<5	<5	<5	<5	<5	<10