

## Blocked isocyanate hardener/curing agent DOXU-2165

### Product Features:

A closed isocyanate curing agent based on IPDI, specifically designed for high hardness and light resistance single component polyurethane baking paint systems. This product can be compatible with polyols containing hydroxyl functional groups and is suitable for light resistant single component polyurethane paint systems, especially in the fields of coil steel and canned coating; At the same time, it can be used as an additive in traditional baking formulas to enhance the adhesion and flexibility of coatings.

### Application scope:

Suitable for coil steel coatings, canned coatings, and traditional baking paints, especially suitable for food industry packaging coatings, and can meet compliance requirements related to food contact.

### Product Parameters :

Product Indicator	Product parameter	Unit	Test Method
Appearance	Water white to slightly yellow transparent mucus	/	GB/T 1721-2008
(Fe Co) color number	≤2	/	GB/T 1722-1992
NCO content (closed)	8.4±0.5	%	Di-n-butylamine method
Free monomer	≤0.2	%	GB/T 18446-2009
Solid content	65.0±2.0	%	GB/T 1725-2007
Viscosity (25 °)	2000-4000	mPa·s	GB/T 9751.1-2008
Release temperature	130 - 140	°C	/

### Instructions for Use:

1. This product can be diluted with esters, ketones, ether esters, ether alcohols, and aromatic hydrocarbons. The compatibility and stability of the diluted solution need to be tested.

### Packaging and Storage:

1. 10KG, 20KG, 60KG, 200KG iron drums or customized by customers.
2. This product must be stored in a cool and dry environment, avoiding outdoor placement. In sealed packaging, the shelf life is 9 months.

### Disclaimers:

This product manual is written by our company using advanced testing equipment based on actual testing and production experience. However, the differences in working environment and material coordination during product application are beyond our company's control. Therefore, our company recommends that users conduct tests, experiments, and trials according to their actual needs and purposes before using this product. Our company does not assume any losses or risks for users using this product due to this manual.