

Blocked isocyanate hardener/curing agent DOXU-3165

Product Features:

TDI based closed isocyanate curing agent has good flexibility, high cost-effectiveness, excellent compatibility, good temperature resistance, good chemical resistance, and stable storage.

Application scope:

Single component polyurethane baking coatings are commonly used as additives in drying systems to enhance flexibility and adhesion; It can also be applied in fields such as textile coatings, printing adhesive crosslinking agents, etc.

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	≤ 1	/	GB/T 1722-1992
NCO content (closed)	5.5 ± 0.3	%	Di-n-butylamine method
Free TDI	≤ 0.2	%	GB/T 18446-2009
Solid content	65.0 ± 2.0	%	GB/T 1725-2007
Viscosity (25 °)	7000 ± 3000	mPa·s	GB/T 9751.1-2008
Release temperature	130 - 140	°C	/

Instructions for Use:

1. This product can be diluted appropriately with solvents such as esters, ketones, and benzene.
2. This product can be mixed with various plasticizers such as sulfonic acid, succinic acid, and phthalate esters, but the compatibility of the mixture must 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.