

Water-based polyurethane curing agent

RG-1031

Characteristics and Advantages:

Category: Hydrophilic aliphatic polyisocyanates based on HDI

1. Low viscosity, good hand-mixing property
2. Strong light-blocking effect, high hardness, good adhesion, excellent durability

Physical parameters:

Appearance	A clear, viscous liquid that is pale blue to slightly yellow in color.
Color	<50# (Pt-Co)
Viscosity (rotational viscometer / 25°C)	1500±500CPS
NCO%	20.5±0.5
HDI Free (Percentage)	<0.2

Application scope:

Water-based matte coatings, water-based adhesives, microcement, etc. can be used as the curing agent component of the water-based two-component polyurethane system.

Solubility:

This product can be diluted with ester types, ether ester types, xylene, and solvent naphtha 100# and other solvents. However, for each solvent, its solubility and compatibility should be tested. Polyurethane-grade solvents (with moisture content not exceeding 0.05% and without active groups such as hydroxyl groups and amino groups) should be used.

Storage:

Technical Data Sheet

This product is very sensitive to moisture, so it must be stored in sealed containers. When stored in sealed containers properly, this product can be stably stored for at least 12 months. It is recommended to store it in a ventilated and dry environment at 5-40°C, and it is strictly prohibited from freezing.