



Eco-Friendly

WATER BASED PU

Non-Toxic

SINOGRACE

The Chemical Company

Crosslinking agent

PUC-3100 Hydrophilic aliphatic polyisocyanate

DESCRIPTION

Hydrophilic aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI). As the hardener/crosslink agent for high-quality aqueous two-component polyurethane systems, it can improve the property profile of aqueous coating and adhesive systems.

TYPE

Hydrophilic aliphatic polyisocyanate

KEY

- Solvent-free
- Improve adhesive and water resistant
- Applied to aqueous two-component polyurethane systems

FEATURES

- Can be added to OH-free dispersions to improve their property profiles

TYPICAL

PROPERTIES

Appearance	Milky white liquid
Monomeric HDI (%)	<0.15
Density (g/ml)	1.16
NCO content (%)	17.4 ± 0.5
Viscosity (25°C)	2000-3500cP
Equivalent weight	approx. 241
Color value (Hazen)	<60

APPLICATION

- Crosslinking agent
- Hardener for coatings

STORAGE

AND

HANDLING

- Available in 200 kg/ barrel or 25 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 6 months from delivery date
- According to non-dangerous goods transport

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