

HDI Waterborne Covestro XP2655

ABOUT:

Hydrophilic aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI). Hardener for waterborne two-component polyurethane systems.

Product Types

- HDI
- PIC
- Hydrophilic polyisocyanate
- Aliphatic polyisocyanate
- Crosslinkers
- Polyisocyanate
- Hardeners
- Polyisocyanurate
- Isocyanate
- Reactive system

Material:

Coatings, paints & inks: Fast curing, Weather resistant, Easy mixing,

Waterborne

Adhesives:Moisture resistant, Fast bonding, Waterborne, Heat activated

General Characterization:

Hydrophilic aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI).

Hardener for waterborne two-component polyurethane systems.

Logistics and Handling

Storage Conditions:

- Storage in original sealed Covestro container.
- Recommended storage temperature: 0 - 30 °C.
- Protect from moisture, heat and foreign material.

General information: Hydrophilic isocyanates are very moisture-sensitive and react with water to form carbon dioxide and insoluble ureas. The containers must always be kept tightly closed. The access of water in all forms (moist air, solvents, moist containers) must be prevented, because the generation of carbon dioxide can lead to dangerous increases in pressure. Storage at higher temperatures will result in increase of color and viscosity.

Sampling:

No data available

Technical Properties & Datasheets

Characteristics:

Property Name	Test Method	Unit	Value
Flash point	DIN EN ISO 2719	°C	approx. 192
Density	DIN EN 2811	g/cm ³	approx. 1.16

Specifications:

Property Name	Test Method	Unit	Value
Viscosity at 23 °C	M014-ISO 3219/A.3	mPa*s	3,500 ± 1,000
NCO content	M105-ISO 11909	%	20.3 - 21.3
Hazen color value	M017-EN 1557		< 60
Monomeric HDI	M106-ISO 10283	%	≤ 0.24

Packaging:

200KG/drum Please fasten the packaging cover as soon as possible after original packaging to prevent the mixing of other substances such as moisture and other substances that may affect the performance of the product. Do not inhale dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes.

Store contaminated clothes separately and reuse them after washing.

Maintain good hygiene practices.

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