

HDI Quick drying Covestro N3790 BA

ABOUT:

Aliphatic polyisocyanate (high functional HDI trimer).As the hardener component for lightfast, rapid-drying polyurethane coating systems.

Product Types:

- HDI
- PIC
- Aliphatic polyisocyanate
- Crosslinkers
- Polyisocyanate
- Hardeners
- Polyisocyanurate
- Isocyanate

Material:

Coatings, paints & inks:High functional, Weather resistant, Solventborne

General Characterization:

Aliphatic polyisocyanate (high functional HDI trimer).

As the hardener component for lightfast, rapid-drying polyurethane

coating systems.

Technical Properties & Datasheets

Characteristics

Property Name	Test Method	Unit	Value
Equivalent weight			approx. 236
Density at 20 °C	DIN EN ISO 2811	g/ml	approx. 1.13
Viscosity at 25 °C	DIN EN ISO 3219/A.3	mPa*s	approx. 1,600
Flash point	DIN 53 213/1	°C	approx. 42

Specifications:

Property Name	Test Method	Unit	Value
Monomeric HDI	DIN EN ISO 10 283	%	< 0.23
Non-volatile content (2.2 g / 120 min / 100 °C)	DIN EN ISO 3251	%	90 ± 1
NCO content	DIN EN ISO 11	%	17.8 ± 0.5

		909		
Color (Hazen)	value	DIN EN 1557		≤ 40
Viscosity 23 °C	at	DIN EN ISO 3219/A.3	mPa*s	1,800 ± 500

Storage and Transportation:

STORAGE: It is recommended to store in a dry and cool area with proper ventilation.

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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