

Easaqua™ WT 2102



Description

⇒ Easaqua™ WT 2102 is a water dispersible aliphatic polyisocyanate. It doesn't contain any solvent.

Suggested Uses

- ⇒ Hardener of two-pack (2K) waterborne high performance polyurethane coatings on various substrates, like Metal, Plastics, Wood and concrete.
- ⇒ Crosslinker of paints and varnishes formulations with very low VOC content

Specifications

Colour	≤ 40 HAZEN (APHA)
Viscosity at 25°C	3000 to 5600 mPa.s
NCO (on delivery form)	17.5 to 20.5 %
Solids content	> 98%
Hexamethylene diisocyanate monomer (HDI)*	< 0.2%

* Measurement is done on the raw materials used to produce the final product

The analytical methods are available upon request

Physical Properties

Appearance	Clear liquid
Bulk density at 25°C	1160 kg/m ³ approx.
Flash point (closed cup)	> 150°C
Equivalent weight (on delivery form)	220 g approx.
Mixing in water	See safety instructions

Solubility

Soluble in esters, ketones, ether-esters and aromatic hydrocarbons. This product reacts with solvents containing hydroxyl groups, such as alcohols, glycol-ethers and water (in case of unsuitable use). It is recommended to use "urethane grade" solvents only for the dilution (with water content below 300 ppm).

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Applications

- ⇒ **Easaqua™ WT 2102** is usually used as a crosslinker of waterborne hydroxyl functional polymers, especially polyacrylics, polyesters or urethane-acrylics hybrids in various physical forms (solutions, emulsions or dispersions) or polyurethanes dispersions (PUDs), to formulate two-pack (2K) waterborne polyurethanes.
- ⇒ It is used as a crosslinker of waterborne coatings for metal, plastic and wood applications. It is specially designed for low odour, high dry film thickness coatings with good direct to metal adhesion properties.

Packaging and transport

Packaging (please contact our sales team for more details)

- ⇒ Deliveries of 900 kg net weight pallets (4 drums of 225 kg net weight).
- ⇒ Other packaging: upon request

Transport

- ⇒ Not regulated. For more precise details, please consult the safety data sheet

Storage conditions and shelf-life

- ⇒ **Easaqua™ WT 2102** is sensitive to moisture and should be kept in its sealed original container or in a volume tank under dry nitrogen blanketing at room temperature.
- ⇒ A shelf-life of 6 months is expected provided that the product is kept in its sealed original container at 25 °C.

Inflammability and safety instructions

- ⇒ Before handling this product please refer to its safety data sheet as new technology requires new ways of handling products.

WARNING TO USERS

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