

Technical Data Sheet

Revision Date: 2020-11-15
Name: WANNATE™ TL-75E

NO. PCS_0043
Version: 4.0

Application

WANNATE™ TL-75E is an aromatic polyisocyanate based on toluene diisocyanate. It is a colorless or pale yellow liquid with a solvent-like odor. Approx. 75 % in ethyl acetate.

Equivalent weight approx. 315

Density at 20 °C approx. 1.17 g/ml

Flash point approx. 5 °C

In combination with various hydroxyl-bearing substances to formulate two-component polyurethane coatings and adhesives.

Specification

Properties	Unit	Specification
NCO content	%	12.9-13.7
Monomeric content	%	<0.50
Viscosity (25 °C)	mpa s	1000-2000
Color value (Gardner)		≤ 1.0
Non-volatile content	%	73.0-77.0

Package

225 kg/20kg Metal drum

Other packages available according to customer needs

Storage / Solubility

Storage in original container. Protect from moisture, heat and foreign material.

WANNATE™ TL-75E is sensitive to moisture. Storage at higher temperatures will result in increasing of color and viscosity.

WANNATE™ TL-75E can be thinned with esters, ketones and aromatic hydrocarbons such as ethyl acetate, butyl acetate, methoxypropylacetate, acetone, methyl ethyl ketone, methyl isobutyl ketone, cyclohexanone, toluene, xylene, solvent naphtha 100 and mixtures thereof. Generally speaking, it has good compatibility with the solvents listed. However, the solutions formed must be tested for their storage stability. Only PU grade solvents should be used (max. 0.05% water, absence of reactive groups such as hydroxyl or amino groups).

WANNATE™ TL-75E is not recommended to thin to a lower solid content.

Prolonged storage of a solution with a lower content may result in turbidity and sedimentation, even condensation.

Compatibility

WANNATE™ TL-75E can be mixed with the following products: aliphatic polyisocyanates, polyester polyols, aromatic polyisocyanates and polyacrylates.

Shelf Life

It can be stored at least for 6 months provided that the product is stored in full compliance with the storage conditions set forth in and referenced under section " Storage / Solubility " above and is otherwise handled appropriately.

For more information about safety and environment, please refer to our MSDS or

contact our customer service center.

Version Information:

Date of first issue: Feb 9, 2018

Date of 1st revise: Dec 15, 2018. Reason for revision: Change of Color and Viscosity specification.

Date of 2nd revise: Mar. 30, 2019. Reason for revision: Change of Viscosity specification.

Date of 3rd revise: Nov. 15, 2020. Reason for revision: Change of Version.

For further information please contact us:

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The information provided here is for reference only. The specification will be provided in the quality certificate or in the contract. It is the user's responsibility to test the material and its suitability for a process. We have no control over what another party does with the material and we cannot take any responsibility for another party's action. Nor will we be responsible for any indirect damages while using our products. The user is welcome to contact our customer and technical service center with questions on our products.