Technical Data Sheet

Issue Date：2022-4-20 NO.WHBJ_0704

Name：WANNATE® 8353 Version：1.0

Application

WANNATE® 8353 is a modified diphenylmethane diisocyanate (MDI). It is a pale yellow liquid at room temperature. WANNATE® 8353 is mainly used for polyurea spray elastomer, and the obtained polyurea product has suitable surface drying time and excellent comprehensive physical properties.

Typical physical and chemical properties

Test Item(s)	Specification(s)
Appearance	pale yellow liquid
Isocyanate equivalent weight	300
NCO content，%	14.0
Viscosity at 25℃，mPa.s	1100
Specific gravity at 25℃	1.14
Acidity (as HCL) ，%	<0.05
Flash point，℃	＞170

*These values provide general information and are not part of the product specification.

Package(s)

210 liters iron drums，220 kg/ Drum

Storage

Since WANNATE® 8353 is a reactive chemical, reaction with atmospheric moisture happens easily and leads to the formation of insoluble ureas and carbon dioxide gas, which can result in pressure build-up in closed containers and viscosity increase of the product. Containers must therefore be absolutely dry and carefully sealed after congested with nitrogen.

Containers of WANNATE® 8353 should be kept properly closed and stored indoors at ambient temperatures (15-25℃) in a well-ventilated area. Storage at low temperatures (below 10℃) may lead to some crystallization; this material must, therefore, be protected from frost. If crystallization does occur, the material should be heated to 70-80℃ to melt it out, strictly prohibit to heat over at local part and should then be thoroughly agitated before use.

Shelf Life

Under recommended storage conditions, the shelf life of WANNATE® 8353 is six months. If the production is overdue, but it's main physical and chemical properties in the guide line, may not effect on it's using properties.

For more information about safety and environment, please refer to our MSDS or contact our customer service center.

Version information:

Date of first issue : Apr 20, 2022

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.