

Technical Data Sheet

Revision Date: 2017-06-30
Name: WANNATE[®] CDMDI-100L

NO. WHPU_0015
Version: 6.0

Application

WANNATE[®] CDMDI-100L is carbodiimide-uretonimine-modified 4,4'-diphenylmethane diisocyanate. It is a pale yellow liquid at room temperatures.

WANNATE[®] CDMDI-100L is mainly used in the production of high-performance cellular PU elastomer and flexible PU integral skin foam which include shoe soles, airless tires, automobile bumpers, splashboard, shock dampers, spoilers, steering wheels, seat head-rests, arm rests, etc. It is also widely used in the production of adhesives, coatings and prepolymers.

Typical Physical and Chemical Properties

Test Item(s)	Specifications
Appearance	Pale yellowish green liquid
Chromatic Number(APHA)	≤60
NCO Content/%	28.0~30.0
Acid Content/%	≤0.040
Viscosity(25°C)/ (mPa · s)	25~60

Package(s)

210 L iron drums, 240kg/drum
18L (5 gal.) pails, 20kg (44lbs.) / pail

Storage

Since WANNATE[®] CDMDI-100L is a reactive chemical, reaction with atmospheric moisture happens easily and leads to the formation of insoluble urea 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[®] CDMDI-100L should be kept properly closed and stored indoors at ambient temperatures (20-30°C) in a well-ventilated area. Storage at low temperatures (below 15°C) 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°C to melt it out, and should then be thoroughly agitated before use.

Shelf Life

Under recommended storage conditions, the shelf life of WANNATE[®] CDMDI-100L is 6 months since the date of production.

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

Version information:

Date of first issue : June 6 ,2013

Date of 1st revise: Feb 6, 2015 Reason for revision : The need of product classification

Date of 2nd revise : May 5, 2015 Reason for revision: A change of company address

Date of 3rd revise : Aug.18, 2015 Reason for revision: Unified the template of TDS

Date of 4th revise: May 31, 2016 Reason for revision: Change of product standard.

Date of 5th revise: June 30, 2017 Reason for revision: Change of company LOGO.

For further information please contact us:

Address: Wanhua Chemical Group Co., Ltd.

No.17,Tianshan Rd,YEDA,Yantai,264006,China

Customer service: Tel: +86 (535) 3388000 Fax: +86 (535) 683 7242

Web-site: <http://www.whchem.com>

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.