

## WANAMINE™ IPDA

### Application

WANAMINE™ IPDA is a colorless transparent liquid with an amine-like odor at room temperature.

WANAMINE™ IPDA is widely used in epoxy, polyurethane and polyamide industry.

### Typical Physical and Chemical Properties

Test Item(s)	Specification(s)	Unit	Test Method
Appearance	colorless transparent liquid	-	visual
Purity	≥99.7%	%(A/A)	GC
Secondary amine	≤0.15%	%(A/A)	GC
Aminonitrile	≤0.15%	%(A/A)	GC
Water content	≤0.2%	%(m/m)	Karl-Fischer
Color (APHA)	≤15	Pt-Co	GB/T 3143

### General information

CAS Number	2855-13-2
Formula	C <sub>10</sub> H <sub>22</sub> N <sub>2</sub>
Vapor Pressure	2 Pa (20 °C)
Equivalent weight	85.2 g/mol
H-active equivalent weight	42.6 g/mol
Viscosity at 25 °C	14-15 mPa·s
Melting point	10 °C
Flash point	112 °C (at 1013 hPa, open cup)

### Package

180 Kg Mouth closed steel drum, IBC、ISO-TANK

## **Storage**

WANAMINE™ IPDA is slightly hygroscopic and tends to form carbamates by reaction with atmosphere CO<sub>2</sub>. It should be stored free from moisture and carbon dioxide in glass, stainless steel and similar containers. Carbon steel is adequate under normal circumstances, while the use of aluminum should be avoided. WANAMINE™ IPDA is stable for at least one year in unopened, original containers when properly stored in a protected storage area at temperature below 25°C.

## **Recommended Melting Conditions**

WANAMINE™ IPDA should be stored at temperature below 25°C. It may crystallize below 15°C. It is necessary to completely liquify the entire contents in the container by warming to a maximum of 60°C and mix thoroughly before use.

## **Shelf Life**

The shelf life is 12 months in unopened, original containers. The expired products may still be used by the test standard.

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

## **Version information:**

Date of first issue: August 6, 2012

Date of issue: May 5, 2015. Reason for revision: A change of company address

Date of issue: August 17, 2015. Reason for revision: Change with standard template from our company.

Date of issue: July 14, 2016. Reason for revision: General information about IPDA is added.

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## **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.