

# WANOL R2438A

## Product Introduction

WANOL R2438A is an amine based polyether polyol Which is suitable for produce rigid polyurethane foams, it is used in a variety of good insulation applications, especially for refrigerators, freezers, building panels and many other applications, it has good compatibility with pentane series blowing agent.

## Typical Physical Properties

Property	WANOL R2438A	Standard
Appearance	red brown to dark brown	Q/0600YPU 025-2013
Viscosity (25°C), mPa s	9000~17000	GB/T 12008.7-2010
Water content, %	≤0.15	GB/T 22313-2008
Density, g/cm <sup>3</sup>	1.05 ±0.10	GB/T 15223-2008
K+,ppm	≤50	GB/T 12008.4-2009
PH	9~12	GB/T 12008.2-2010
OHV,mgKOH/g	400±15	GB/T 12008.3-2009

## Package

Iron pail with zinc coating in standard container can be obtained, IBCs, tank containers or road tankers can also be supplied, if necessary.

## Storage

This product should be stored in an inclosed container produced with steel, aluminum, PE or PP, and nitrogen is suggested to fill in the containers. When WANOL R2438A is stored, moist and wet conditions should be avoided, the temperature of the environment should be maintained below 50°C, and avoid sunlight, water and heating. Above 60°C, a deterioration of the product quality would be caused. Short term warming or cooling of the product to low temperatures does not damage the product. It should however be noted that at low temperatures viscosity increases markedly and this may cause difficulties in processing.

## Shelf Life

Under recommended storage conditions, WANOL R2438A has a shelf life of 12 months.

## Safety

Most polyols generally present no significant hazard in use when simple precautions are

followed. No special ventilation is recommended under anticipate conditions of normal use beyond that needed for normal comfort control. Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses must not be worn. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Not normally considered a skin hazard. Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

**Spill and Disposal**

Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into clean, dry containers for later disposal. Large spill should be collected for disposal and then be cleaned by the rag with lye or acetone, prevent flow to sewer / public waters. Keep unnecessary people away, isolate hazard area and deny entry. All of the collected waste material should be handled according to the regulation of the local environment agency.

**For Further Information Please Contact Us:****WANHUA CHEMICAL (NINGBO) RONGWEI POLYURETHANE CO., LTD.**

Address: No. 39, Huandao North Road, Daxie Development Zone, Ningbo, Zhejiang, 315812, P. R. China

Tel: +86-574-86756177, Fax: +86-574-86716626

Website: [www.whchem.com](http://www.whchem.com)

**DISCLAIMER**

The information provided here is for reference only. The specification will be provided in the quality certificate or in the contract. We have no control over what another party does with the material and we cannot take any responsibility for another party's action. Nor we have any responsibility for any indirect damages while using our products. For more information, please refer to our MSDS or contact our customer service center.