

# 4162

## Polyether polyol

4162 is a glycerine based polyether polyol of low viscosity and is normally used as a blending polyol in rigid foam formulations. Its use allows a formulator to obtain a good combination of processability, cost economics and properties of the final product.

### APPLICATIONS

- Insulation of refrigerators, buildings, cold stores etc. Also used in blends for PIR foams.

Typical Properties	Method	Unit	Value
<b>Appearance</b>	QC0-I002-T001	-	Clear liquid
<b>Viscosity (@25° C)</b>	QC0-I002-T025	cps	200 – 300
<b>Hydroxyl Value</b>	QC0-I002-T012	mg KOH/gm	240 – 250
<b>Water content</b>	QC0-I002-T026	%	Max. 0.10
<b>Acid Number</b>	QC0-I002-T003	mg KOH/gm	0.01 – 0.10
<b>Total K+/Na+</b>	QC0-I002-T021	ppm	Max. 15

### STORAGE AND HANDLING

4162 polyol is hygroscopic, and dry nitrogen or low dew point air is recommended for tank padding. Drums should be kept tightly closed to prevent contamination. The recommended storage temperature is 20-25 °C.

### TOXICOLOGICAL PROPERTIES

4162 polyol has not been specifically evaluated for its toxicological properties. However, the similarity of the product to others, about which health hazard data is available, provides assurance that it represents minimum hazard. Polyols are low to very low in acute oral toxicity. Because of their low vapor pressure, polyols present no significant inhalation hazard. These materials generally are not irritants to the skin, but can cause mild irritation to the eyes.

**NOTICE:** The information presented herein, while not guaranteed, is, to the best of our knowledge true and accurate. No warranty or guarantee, express or implied, is made regarding the performance or stability of any product, since the manner of use and conditions of storage and *handling* are beyond our control.