

1010

Polyether polyol

1010 is a medium molecular weight polyether diol used in a wide variety of polyurethane applications ranging from elastomers, coatings and adhesives to prepolymers and blends for rigid foam systems.

APPLICATIONS

- Coatings, Elastomers, Adhesives, Sealants
- In Prepolymers and One-shot Formulations
- Blends with other polyols in rigid and flexible foam formulations

Typical Properties	Method	Unit	Value
Appearance	QC0-I002-T001	-	Clear liquid
Color	QC0-I002-T007	Pt-Co	Max. 30
Viscosity (@25° C)	QC0-I002-T024	cps	120 – 180
Hydroxyl Value	QC0-I002-T012	mg KOH/gm	107 – 117
Water content	QC0-I002-T026	%	Max. 0.05
Acid Number	QC0-I002-T003	mg KOH/gm	Max. 0.05
Unsaturation	QC0-I002-T022	meq/gm	Max. 0.05
Total K⁺/Na⁺	QC0-I002-T021	ppm	Max. 5.0

STORAGE AND HANDLING

1010 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

1010 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 irritant 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.

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