

# A8113

## Polyester polyol

A8113 is a 2,000 average molecular weight, linear glycol adipate polyester polyol.

### APPLICATIONS

- Polyurethane elastomers for microcellular high quality shoe soles with excellent mechanical and chemical properties.

Typical Properties	Method	Unit	Value
Appearance	QC0-I002-T001	-	Clear to yellowish liquid
Viscosity (@60° C)	QC0-I002-T025	cps	1,100 – 1,250
Hydroxyl Value	QC0-I002-T012	mg KOH/gm	54 – 58
Water content	QC0-I002-T026	%	Max. 0.05
Acid Number	QC0-I002-T002	mg KOH/gm	0.5 – 0.8
Color	QC0-I002-T007	Pt-Co	Max. 85

### STORAGE AND HANDLING

A8113 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 and the handling temperature is 40-50°C.

### TOXICOLOGICAL PROPERTIES

A8113 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.