

EXT-1006

Butanediol (BDO)

Product Description:

EXT-1006 is an oxygenated hydrocarbon 1,4-butanediol that serves as a reactant for urethane systems (component B) when combined with isocyanates, diisocyanates, or prepolymers (component A). Property values vary depending on the A component selected therefore EXT-1006 may be used successfully in a wide range of product applications. When paired with the Xthane IT series of prepolymers, finished products exhibit excellent cut tear strength and low compression set in elastomers applications. As with all polyurethane products, application and field testing are necessary to determine suitability of a particular product combination to the success of the final product.

Typical Properties of EXT-1006			
Hydroxyl Number	1247 mg KOH/g		
Equivalent Weight	45	Carbonyl Number (KOH)	0.004 mg/g
Specific Gravity @ 25°C	1.0171	Boiling Point	442°F (228°C)
Appearance @ 25°C	Viscous, colorless liquid or solid	Freezing Temperature	64°F (17.8°C)

Storage and Handling:

Containers should be kept tightly closed in a cool, well ventilated area at room temperature or higher not to exceed 120°F (49°C). Use of a dry nitrogen blanket for partial drums is recommended.

Use only with adequate ventilation. Avoid breathing vapors and contact with eyes, skin, and clothing.

Note: Some States require monitoring or tracking of the use of this product.

Health and Safety Information:

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on its hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. material safety data sheets and product labels. To obtain this information, contact your ITWC, Inc. representative.