

Technical Data Sheet

VORANOL™ 4446 Polyol

Description

VORANOL™ 4446 Polyether Polyol is a 4.5 functional, sucrose/glycerine-initiated polyol used in a wide variety of polyurethane applications. It can be used at low levels in combination with conventional capped polyols to increase the hardness of flexible and semiflexible molded foams.

Benefits

VORANOL™ 4446 can also be used in the preparation of prepolymers and in many grades of rigid polyurethane foam.

Typical Component Properties

	Units	Values	Test Method	
Hydroxyl Number	mg KOH/g	432 - 459	ASTM D4274 D	
Water	Wt%	0.10	ASTM D4672	
Viscosity, @ 25degC	Cst	1050 - 1250	ASTM D445	
pH (10% Aqueous)	6.0	8.0	ASTM E70	
Colour, gardner.		8	ASTM D4890	

These are typical values and should not be construed as specifications.

Handling and Storage

	Units	Limits	
Storage temperature	°C	10 - 60	
Storage stability / Shelf life (1)	months	24	

Notes: Protect from atmospheric moisture. Store in a dry place. Avoid prolonged exposure to heat and air. Store in the following material(s)

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Safety Considerations

Material Safety Data (MSD) sheets are available from The Dow Chemical Company. MSD sheets are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSD sheets are updated regularly, therefore, please request and review the most current MSD sheet before handling or using any product. These are available from the nearest Dow sales office.

Customer Notice

Dow encourages its customers to review their application of Dow products from the standpoint of human health and environmental quality. To help ensure that Dow products are not used in ways for which they were not intended or tested, Dow personnel will assist customers in dealing with ecological and products safety. Your Dow sales representative can arrange the proper contacts.

Contact information:

For more information about this product please call The Dow Chemical Company.

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