



## Technical Data Sheet

### VORANOL™ 370 Polyether Polyol

#### Description

VORANOL™ 370 Polyether Polyol is a 7.0 functional, sucrose/glycerine-initiated polyether polyol designed to produce rigid polyurethane foam. It is suitable for production of both high- and low-density foams. It can be used alone, or in combination with other polyols or fire-retardant agents, to achieve various degrees of crosslinking. It is especially suitable for foam applications that require a high strength-to-density ratio. The high degree of crosslinking afforded by VORANOL™ 370 Polyether Polyol provides excellent dimensional stability under both humid aging and dry heat aging conditions. Typical applications include spray Polyurethane foams, insulated panels, rail boxcars, portable coolers, and pour-in-place insulation. It is also well suited in polyol blends.

#### Typical Component Properties

Properties	Units	Values	Test Method <sup>1</sup>
Hydroxyl Number	mg/g	370	ASTM D4274
Functionality		7	
Initiator		Sucrose/glycerine	
Viscosity, 77°F (25°C)	cSt	30,580	ASTM D445
210°F (99°C)		105	
Water, max.	wt%	0.1	ASTM D4672
Density 77°F	lbs/gal	9.27	ASTM D1475
25°C	gm/cc	1.110	
Flash Point (PMCC)	°F	335	
	°C	168	
Specific Gravity		1.11	

1. ASTM: American Society for Testing and Materials

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

#### Handling and Storage

Properties	Units	Limits
Storage temperature	°C	15–35
	°F	59–95
Storage stability / shelf life	months	24

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