



Technical Data Sheet

VORANOL™ 280 Polyether Polyol

Description

VORANOL™ 280 Polyol is a sucrose/glycerine-initiated polyol. The low viscosity makes this polyol useful for partial and all-water-blown, pour-in-place applications. This polyol is typically blended with lower functionality polyols. Typical applications include insulated garage and entry doors, portable coolers, flotation products, roofing and sheathing laminated products, and spray polyurethane foams.

Typical Component Properties

Properties	Units	Values	Test Method ¹
Hydroxyl Number	mg/g	280	ASTM D4274
Functionality		7	
Initiator		Sucrose/glycerine	
Viscosity, 77°F (25°C)	cSt	3311	ASTM D445
210°F (99°C)		47	
Water, max.	wt%	0.08	ASTM D4672
Density 77°F	lbs/gal	9.17	ASTM D1475
25°C	gm/cc	1.099	
Flash Point (PMCC)	°F	380	
	°C	193	
Specific Gravity		1.099	

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	20
	°F	68
Storage stability / shelf life	months	6

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Safety Considerations

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