

# Technical Data

## BiOH<sup>®</sup> 5100

**Description:** Bio-based polyol for use in polyurethanes.

**Shelf Life:** Shelf Life of 12 months for packaged material stored at ambient temperatures of < 100°F (38°C).  
Shelf Life of 6 months for Bulk material stored at ambient temperatures of < 115°F (46°C).

**Features:** Vegetable Oil Based – Renewable raw material source.

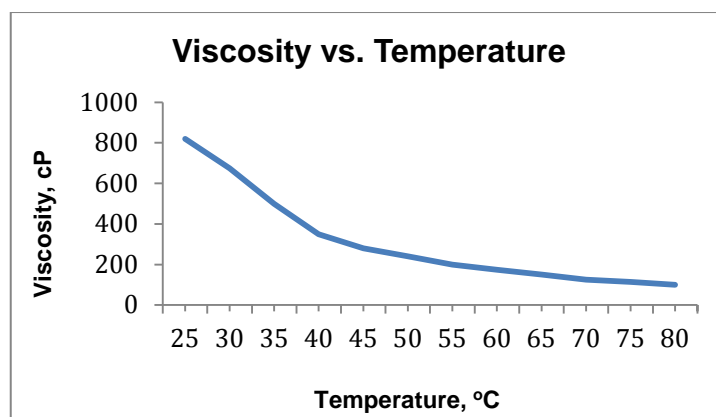
### Regulatory Information

NFPA Code	1-1-0	United States, TSCA	Listed
HMIS Code	1-1-0	Canada, DSL	Listed

### Typical Properties:

	Typical Value	Based on Method
Acid Value (mg KOH/g)	0.25	AOCS Cd 3d-63
Color Gardner (GVS)	< 2	AOCS Td 1a-64
Density (g/ml)	1.00	ASTM D1298
Flash Point	> 130	ASTM D93
Hydroxyl Number (mg KOH/g)	40	ASTM E1899
Hydroxyl Type	100% secondary	Known Structure
Molecular Weight (number)	1330	Vapor Phase Osmometry
Viscosity Brookfield @ 25°C (cPs)	820	ASTM D2196
Water (ppm)	366	ASTM E203
Functionality	3.1	Calculated

<sup>2</sup>Typical Properties are not to be construed as specifications



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