

Technical Data

BiOH[®] 5450

Description: Bio-based polyol for use in polyurethanes. Ideal for visco-elastic foam applications.

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.

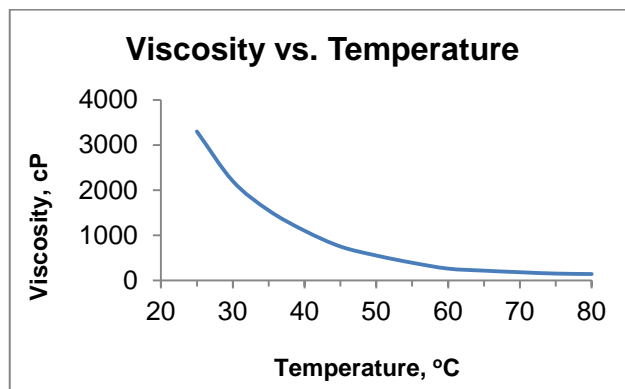
Regulatory Information

| | | | |
|-----------|-------|---------------------|--------|
| 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) | 0.60 | AOCS Cd 3d-63 |
| Color Gardner (GVS) | < 3 | AOCS Td 1a-64 |
| Density (g/ml) | 1.00 | ASTM D1298 |
| Flash Point | > 100 | ASTM D93 |
| Hydroxyl Number (mg KOH/g) | 158 | ASTM E1899 |
| Hydroxyl Type | 100% secondary | Known Structure |
| Molecular Weight (number) | 1065 | Vapor Phase Osmometry |
| Viscosity Brookfield @ 25°C (cPs) | 3300 | ASTM D2196 |
| Water (ppm) | 1000 | ASTM E203 |
| Functionality | 3.0 | Calculated Value |

²Typical Properties are not to be construed as specifications



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