Issue date: June-2025
Version: v01

BIO-HOOPOL 13033

DESCRIPTION

BIO-HOOPOL 13033 is a bio-based linear polyester polyol with an average molecular weight of 3750.

RENEWABLE CONTENT

Bio-based Carbon content*	100	%

*ASTM 6866-20 (as theoretical calculation). Minimum content

APPLICATIONS

- Adhesives
- Coatings
- Elastomers
- Thermoplastic polyurethanes

TYPICAL PROPERTIES

Appearance	Liquid	
Glass Transition Temperature (DSC)	-47	°C
Hydroxyl Nr.	27-34	mg KOH/g
Acid value	≤2,0	mg KOH/g
Viscosity at 80°C	1.500-5.500	mPa.s
Water Content	≤0,05	%

HMPUR TYPICAL DATA

BIO-HOOPOL 13033 reacted with MDI at a ratio OH:NCO 1:2,2.

Viscosity at 130°C	11.200	mPa.s
Open time	Sv*	s
Setting time	Sv*	s
Tensile strength	16	N/mm2
Elongation at break	460	%

*Several hours

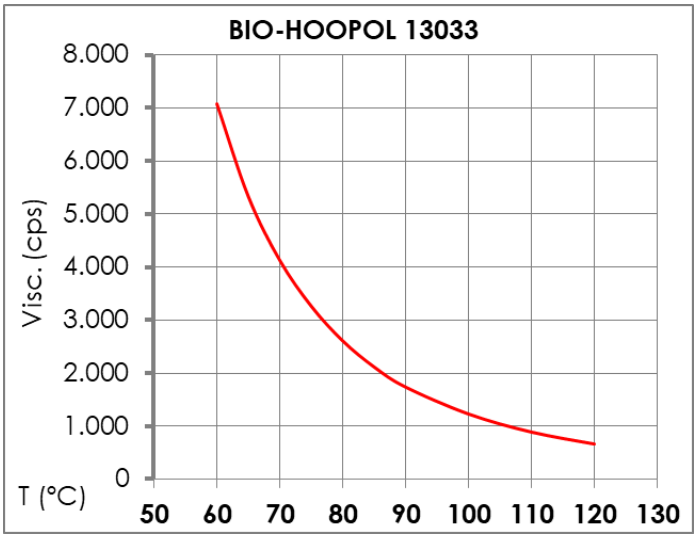
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VISCOSITY CURVE



STORAGE RECOMMENDATIONS

BIO-HOOPOL 13033 properties could be altered in contact with water. Under normal storage conditions, the product has a shelf-life of at least 24 months. Keep drums or containers tightly closed.

Eventually, the polyester may crystallize. The crystallized product disappears by heating the polyester at 80ºC until a homogeneous material is obtained.

SAFETY RECOMMENDATIONS

Please check the latest version of product´s Safety Data Sheet (SDS) before using the product.

SUPPLY FORM

Please check with our Customer Service or Sales Representative the different supply formats.

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