Issue date: January-2024
Version: v01

BIO-HOOPOL 11003

DESCRIPTION

BIO-HOOPOL 11003 is a bio-based linear polyester polyol with an average molecular weight of 2000.

RENEWABLE CONTENT

Bio-based Carbon content*	100	%

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

APPLICATIONS

- Adhesives
- Coatings
- Elastomers
- Reactive Hot-Melts

TYPICAL PROPERTIES

Appearance	Solid	
Melting point (DSC)	45	°C
Softening point (R&B)	51	°C
Hydroxyl Nr.	54-58	mg KOH/g
Acid value	≤2,0	mg KOH/g
Viscosity at 60°C	2.700-3.700	mPa.s
Colour	≤100	Apha
Water content	≤0,05	%

HMPUR TYPICAL DATA

BIO-HOOPOL 11003 reacted with MDI at a ratio OH:NCO 1:2,2.

Viscosity at 130°C	10.000	mPa.s
Softening point (R&B)	69	°C
Open time	Sv*	s
Setting time	Sv*	s
Tensile strength	4	N/mm2
Elongation at break	160	%

*Several hours

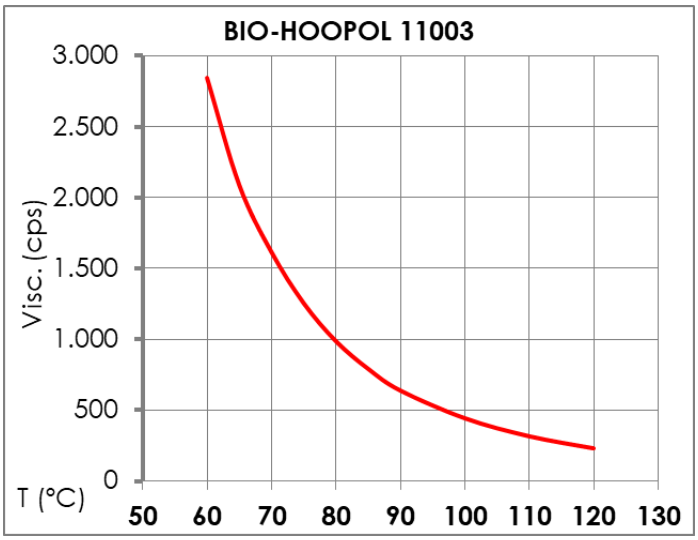
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VISCOSITY CURVE



STORAGE RECOMMENDATIONS

BIO-HOOPOL 11003 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.

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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