Issue date: October-2023
Version: v01

BIO-HOOPOL 11532

DESCRIPTION

BIO-HOOPOL 11532 is a bio-based linear polyester polyol with an average molecular weight of 4000.

RENEWABLE CONTENT

Bio-based Carbon content*	100	%

*ASTM 6866-20 (as theoretical calculation)

APPLICATIONS

- Adhesives
- Coatings
- Elastomers
- Reactive Hot-Melts
- Thermoplastic polyurethanes

TYPICAL PROPERTIES

Appearance	White solid	
Melting point (DSC)	113	°C
Softening point (R&B)	118	°C
Crystallization (DSC)	<4,0	min
Hydroxyl Nr.	25-32	mg KOH/g
Acid value	≤2,0	mg KOH/g
Viscosity at 130°C	400-1.600	mPa.s

HMPUR TYPICAL DATA

BIO-HOOPOL 11532 reacted with MDI at a ratio OH:NCO 1:2,2.

Viscosity at 130°C	6.000	mPa.s
Softening point (R&B)	117	°C
Open time	20	s
Setting time	10	s
Tensile strength	39	N/mm2
Elongation at break	8	%

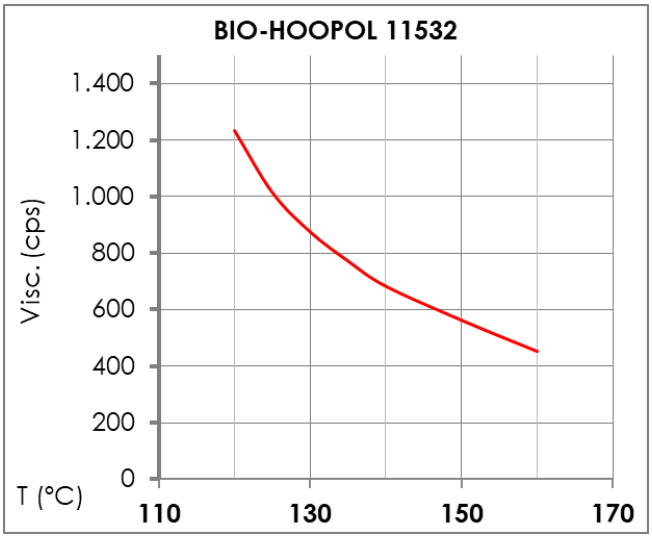
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VISCOSITY CURVE



COMPATIBILITY

- Compatible: F-531, F-4621, F-4910, F-5630, F-37030, F-37041, FJ-20031
- Not compatible: F-902, F-932, F-911, F-972, F-3000, F-3230, F-7931, F-89931, F-7532, F-24230, F-39031

STORAGE RECOMMENDATIONS

BIO-HOOPOL 11532 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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