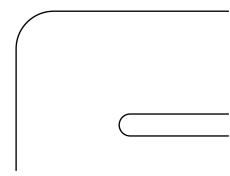


POLYGLYKOL B 01/240

Technical Data Sheet



POLYGLYKOL B 01/240

Base oil component for industrial applications

CompositionPolypropylene glycol monobutylether
CH₃CH₂CH₂CH₂CHCH₃)_n OH

Product properties ¹ Appearance (20°C)

Color index [APHA] EN 1557

Refractive index (20°C) DIN 51432

Molecular weight

Water content DIN 51777

pH value (10% in EtOH/water 1:1) Density (20°C) DIN 51757

Viscosity (40°C) DIN 51562 Viscosity (100°C) DIN 51562

Viscosity (100 C) DIN 31302
Viscosity index ASTM D 2270
Pour point ISO 3016

Flash point DIN 51376
Ignition temperature DIN 51794
Four ball test DIN 51350/3B

(60min. / 300N)

Seizure / welding load

FZG load stage DIN 51354

Clear viscous liquid

Max. 100

Approx. 1.449 – 1.453 Approx. 4300 g/mol

Max. 0.5 %

Approx. 5.0 - 7.0

Approx. 0.998 - 1.002 g/cm³

Approx. 366 mm²/s Approx. 59 mm²/s

Approx. 233

Approx. -40°C

Approx. 240°C

Approx. 375°C

Approx. 0.52 mm

Approx. 1300 / 1800 N

Approx. 12

Profile

Product properties

Polyglykol B 01/240 is a clear neutral, viscous liquid at room temperature. Polyglykol B 01/240 is insoluble in water, but soluble in many polar organic solvents like acetone or methanol. Polyglykol B 01/240 can be dispersed much better in pure hydrocarbon

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Contact

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¹ These characteristics are for guidance only and not to be taken as product specifications. The tolerances are given in the product specification sheet. For further product properties, specifications, safety, and ecological data, please refer to the MSDS.



solvents than the more hydrophilic B 11-type polyglycols Polyglykol B 01/240 displays a very low solidification point of –40°C and no evaporation loss even at temperatures as high as 100°C. Polyglykol B 01-types have a very low hygroscopy compared to other Polyglykol-types.

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Application

Based on their physical and chemical characteristics B 01-type polyglycols are used for a wide variety of applications.

Fields of industrial application:

- Base oil component for high performance lubricants with low friction coefficients, excellent wear properties and good thermal stability
- Lubricant for refrigeration compressors
- Lubricating component of metalworking fluids
- Component of auxiliaries for leather and textile processing
- Component for defoamer formulations
- Reactive alcohol component in chemical reactions
- Solvent for dyes and inks
- · Dispersant for pigments

To increase the stability against thermo oxidative degradation, Lubricant Additive 1655 can be used.

Storage instructions

When stored in a cold, dry place in a closed container Polyglykol B 01/240 can be kept for at least two years.

Safety

Further information on handling, storage and dispatch is given in the safety data sheet.

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