



TECHNICAL INFORMATION

BEST-MK 2236

BEST-MK 2236 is a one-component, solvent free, medium strength and high viscous anaerobically curing adhesive based on di-methacrylate ester. In addition to the fields of application listed below the product is also suitable for securing and sealing of passive and inactive surfaces without the need for use of an activator.

BEST-MK 2236 is the standard product for securing of screws. Another field of application is the sealing of threaded and pipe connections.

BEST-MK 2236 is of medium viscosity and automatically spreads in the thread without leaking from the thread. Disassembly is possible with special tools without causing damage to the thread.

PROPERTIES (liquid product)

| | |
|--|---|
| Chemical type | Di-methacrylate-ester |
| Curing system | Anaerobic |
| Appearance | Yellow |
| Strength class | Medium |
| Viscosity (Brookfield) | 5.000 mPas/thix |
| Density (DIN 51757) | 1,1 x 10 ³ kg/m ³ |
| Thread size | up to R3" |
| Max. gap filling | 0,01 – 0,25 mm |
| Thread friction | 0,13 |
| Shelf life <small>(Storage in unopened original container at 10°C up to 23°C)</small> | 12 months |
| <u>Curing time @23°C</u> | |
| Fixture time | 2 to 6 minutes |
| Functional strength | 2 – 3 hours |
| Final strength | 8 hours |



STRENGTH VALUES (cured product)

| | |
|--|-----------------------|
| Compression shear strength (DIN 54452) | 16 N/mm ² |
| Breakloosemoment (DIN 54454) | 16 Nm |
| Breakawaymoment (DIN 54454) | 10 Nm |
| <u>TEMPERATURE RANGE</u> | -60°C – +150°C |

CHEMICAL AND ENVIRONMENTAL RESISTANCE

(DIN 53287 – Test in accordance with DIN 54454)

in % of the initial strength after 1000h chemical absorption

| | |
|-----------------------------------|------|
| Water/Glycol at 87°C | 85 % |
| Motor oil (MIL-L-46 152) at 125°C | 95% |
| Unleaded Gasoline at 23°C | 95% |
| Brake fluid at 23°C | 100% |
| 1,1,1 trichlorethane at 23°C | 95% |
| Ethanol at 23°C | 85% |
| Acetone at 23°C | 90% |

For more information on resistance against other chemicals please contact BEST-Klebstoffe.

HEALTH AND SAFETY STANDARDS

Warning! Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. For further information please see corresponding material safety data sheets.

General

The data and information above correspond to the current know-how of BEST-Klebstoffe GmbH & Co.KG. Our information and data have been developed from laboratory tests and extensive practical experience. It is the user's responsibility to perform receiving inspections and to determine suitability for the user's purpose of any production methods. We disclaim all warranties expressed or implied, that any product will have specific properties for a particular purpose. BEST-Klebstoffe GmbH & Co. KG reserves the right to change the contents of this document as necessary.

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