

Technical Information

KOSMOS® MB 16

Description

KOSMOS® MB 16 is a bismuth carboxylate catalyst. It can be used to produce 2K polyurethane elastomers, sealants, coatings or adhesives. Reaction parameters like gel time and tack free time are less depending on residual moisture than with DABCO® MB 20. KOSMOS® MB 16 provides improved curing times and has a lower viscosity than standard bismuth grades.

Key performance benefits

- Low toxicity
- High reactivity
- Reduced water sensitivity
- Lower viscosity

Typical properties*

Appearance	Yellowish liquid
Viscosity at 25 °C	2500 mPa · s
Density at 25 °C	1.11 g/cm ³
Calculated OH number	n.a.**

* For actual ranges, please refer to the Certificate of Analysis (CoA) / Sales Specification. | ** n.a. = not applicable

Application

KOSMOS® MB 16 is recommended to be used in water free polyol blends. To maximize shelf life, it is recommended to use molecular sieves or oxazolines to remove residual moisture.

Storage recommendations

- Shelf life: minimum 12 months. For exact date of expiration, please consider CoA.
- Storage conditions: dry and cool place in factory-packed containers.
- Optimum storage temperature: 10 to 30 °C.

Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

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