

Technical Information

POLYCAT® DBU

Description

POLYCAT® DBU (DiazoBicycloUndecene) is a tertiary amine that strongly promotes the urethane (polyol–isocyanate) reaction in semi–flexible, microcellular foam and coating, adhesive, sealant and elastomer applications.

Key performance benefits

- Very strong gel capability
- Low odor

Typical properties*

Appearance	Colorless liquid
Viscosity at 25 °C	14 mPa · s
Density at 21 °C	1.04 g/cm ³
Calculated OH number	0 mg KOH/g
Flash point (PMCC)	> 96 °C
Water solubility	Soluble

* For actual ranges, please refer to the Certificate of Analysis (CoA) / Sales Specification.

Application

POLYCAT® DBU is mainly used for specialized applications requiring very strong catalysis. These applications include formulations containing alicyclic or aliphatic isocyanates, which are much less active than aromatic isocyanates and require exceptionally strong catalysts.

The product is recommended for evaluation in integral skin semi–flexible foams and microcellular systems.

POLYCAT® DBU can be used as a highly active urethane promoting catalyst in microcellular and CASE applications.

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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