

Technical Information

POLYCAT® 9

Description

POLYCAT® 9 is a low odor tertiary amine catalyst providing balanced promotion of the urethane and urea reactions in flexible and rigid foam applications.

Key performance benefits

- Low odor / low vapor pressure
- Balanced promotion of urethane (gel) and urea (blow) reactions
- Reduces onion skinning
- Improved odor and productivity compared to POLYCAT® 8

Typical properties*

Appearance	pale liquid
Viscosity at 25 °C	6 mPa · s
Density at 25°C	0.87 g/cm ³
Calculated OH number**	n.a.
Water solubility	Soluble

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

Application

POLYCAT® 9 is recommended for a broad range of polyurethane applications. It can be used as sole catalyst or as co-catalyst in conjunction with other blow and/or gel catalysts of the Dabco and/or Polycat range to optimize reaction profile.

The major applications are insulation foams including spray, rigid bunstock, board laminate and refrigeration formulations. POLYCAT® 9 is also recommended for microcellular foams such as shoe sole formulations and as a co-catalyst in semi-flexible and flexible molded applications.

Common use levels of Polycat 9 depend strongly on the application ranging from 0.5 pphp as co-catalyst to 5 pphp in spray foam 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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