

Technical Information

DABCO® 33-LV Catalyst

Description

DABCO® 33-LV catalyst is a tertiary amine which has a strong influence on promoting the urethane (polyol-isocyanate) reaction in a variety of flexible and rigid foam as well as CASE applications. It is a mixture of 33 % triethylene diamine and 67 % dipropylene glycol.

Special properties/Highlights

- Multi-purpose amine catalyst
- Gelation catalysis
- Easy handling

Application

DABCO® 33-LV catalyst is used in the manufacture of all types of polyurethane foam. It can be used as a 3:1 replacement for DABCO® Crystalline catalyst in all foam formulations. For example, 0.3 pphp DABCO® 33-LV catalyst replaces 0.1 pphp DABCO® Crystalline catalyst.

Typical physical properties

Appearance	colorless to amber liquid
Flash point, °C (PMCC)	110
Viscosity at 25 °C, mPa · s*	125
Specific gravity @ 21 °C (g/cm³)	1.03
Calculated OH number, mg KOH/g	560
Water solubility	soluble
*1 mPa · s = 1 cP	

Recommended storage conditions

DABCO® 33-LV catalyst has a shelf life of 24 months from the date of manufacture and under the condition, that it is stored in factory-packed containers and protected against extreme weather conditions, particularly against heat and moisture. The optimum storage temperature of DABCO® 33-LV catalyst is in between 10°C and 30°C. Lower and higher storage temperatures are not preferable and should be avoided.

Information concerning

- classification and labelling according to regulations for transport of chemicals
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicological and ecotoxicological effects

is given in our safety data sheets.

Disclaimer

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