

Dabco MP602 catalyst CAS31506-44-2 Evonik Germany

Dabco MP602 is a non-emission amine catalyst used in the production of polyurethane foams. It is a clear colorless liquid that is soluble in water and organic solvents. Dabco MP602 is compatible with many polyols and isocyanates. It is used in a variety of polyurethane foam applications, including:

Soft foam for car seats, mattresses, and footwear

Hard foam for insulation and construction

Cold-set molding foam for medical devices and other applications

Features	value
Aliases	Dabco MP602, N-(2-(dimethyl amino) ethyl)-1-(3-(dimethyl amino) propyl) urea, urea, N-(2-(dimethyl amino) ethyl)-, J1.584.214J
CAS No.	31506-44-2
Molecular Formula	C ₇ H ₁₇ N ₃ O
Molecular	161.2296 g/mole

weight	
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Apply

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- Soft foam for car seats, mattresses, and footwear
- Hard foam for insulation and construction
- Cold-set molding foam for medical devices and other applications

Dabco MP602 offers a number of advantages over conventional amine catalysts, including:

- No harmful emissions
- Compatible with many polyols and isocyanates
- Improved foam flow
- Provides good dimensional stability

Dabco MP602 is a safe and effective catalyst for polyurethane foam production. Be sure to follow the manufacturer's instructions when using and wear personal protective equipment (PPE) when handling.



Table 1: Characteristics of the Dabco MP602

Features	value
Looks	Clear colorless liquid
Scent	slight
Specific Gravity	1.06

Flash Point	168 °C
Water soluble	Complete
Solubility in organic solvents	Well.
Stability	Stable under normal conditions
Hazards	Flammable and irritating to skin and eyes
Uses	For the production of polyurethane foam

Table 2: Dabco MP602 compared to other amine catalysts

peculiarity	dabco	Other amine
	MP602	catalysts
No harmful emissions	Yes.	Don't

Compatible with multiple polyols and isocyanates	Yes.	Don't
Improved bubble liquidity	Yes.	Don't
Provide good dimensional stability	Yes.	Don't
Safe and effective	Yes.	Don't

Expiration date:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as

possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

Technical support and business contacts E-mail: info@newtopchem.com