

Dabco RP202 catalyst CAS31506-44-2 Evonik Germany

Dabco RP202 is an emission-free, balanced amine catalyst for the production of polyurethane foams. It is a clear colorless liquid that is soluble in water and organic solvents. Dabco RP202 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

Alias	Dabco RP202, 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 weight	161.2296 g/mole

Physical and chemical properties

Properties	value
appearance	Clear colorless liquid
Scent	Light
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

Apply

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Dabco RP202 is used in a variety of polyurethane foam applications, including:

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

Advantages

Dabco RP202 has 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
- Safe and effective



Comparison with other amine catalysts

Dabco RP202 is an emission-free, balanced amine catalyst with many advantages over conventional amine catalysts, including:

- No harmful emissions
- Compatible with many polyols and isocyanates
- Improve bubble liquidity
- Provides good dimensional stability
- Safe and effective

Conclusion

Dabco RP202 is a versatile and efficient catalyst for polyurethane foam production. It offers many advantages over conventional amine catalysts, including no harmful emissions, compatibility with multiple polyols and isocyanates, improved foam flow characteristics, and good dimensional stability. Dabco RP202 is a safe and effective choice for polyurethane foam production.

Shelf life:

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

