



—TECHNICAL DATA SHEET—

聚氨酯特种催化剂 CAT-g

Physical and chemical properties:

1. The appearance of this product is yellowish or yellow transparent liquid with special compound odor. It can be completely dissolved in various polyurethane composite materials such as polyester and polyether.
2. Properties: This product is a special polyurethane catalyst. It has no irritating odor, is not flammable, and is not explosive, but it should not be imported. It should not be in contact with damaged skin. It has anti-mold effect. Does not contain any solvents, is not sensitive to moisture, its toxicity is less than phenylmercury acetate and organic mercury, and easy to use. Compared with organic mercury and phenylmercury acetate, it has better selectivity to NCO-OH groups, and also has a good catalytic effect on NCO-NH₂. The product has better mechanical properties, shorter induction time, and gradually increased viscosity.

Application scope:

As a room temperature catalyst in polyurethane materials, it is often used in polyurethane transparent adhesives, elastomers, structural adhesives, electronic potting adhesives, plastic runways and waterproof coating. This product is also suitable for systems such as polyurethane leather slurry, polyurethane foam, polyurethane elastomer, polyurethane sole stock and other systems produced by the semi-prepolymer method. This product is an ideal substitute for phenylmercury acetate and organic mercury.

Use Recommendations:

The general method used in this catalyst is to add P material components (such as MOCA and other amine-soluble components in the polyol), and then vacuum degassing for 0.5-1h and I material component (such as the prepolymer synthesized by TDI and polyol). And mix it into the mold cavity, the mold can be released in 5-30 minutes.

Adding amount: 0.05--0.5% of total PU

Packaging and storage

25kg/barrel, 200kg/barrel

Please store in a cool, dry and ventilated warehouse, avoid sources of fire and sunlight, and do not get close to strong acids and alkalis. The warranty period is 12 months (unopened). Please note that it must be kept tightly closed.