



## —TECHNICAL DATA SHEET—

### 有机铋 Organic bismuth catalysts

Product name	Metal Content
Bi-16	16%
Bi-20	20%
Bi-28	28%

Product	Coating	Adhesive	Sealant	Elastomer	TPU	Dispersing agent	SPUA	Pu Slurry
Bi-16	▲	▲	▲	▲	▲		▲	▲
Bi-20		▲	▲	▲	▲	▲		▲
Bi-28	▲	▲				▲		

#### Performance

1. Selective pu gel catalysts
2. Compared with the tin catalyst, Bismuth Neodecanoate has better selectivity of NCO, and the mechanical properties of the final product is better.
3. Induction time is short, viscosity increases gradually.

#### Advantages of Bismuth Neodecanoate

1. Bismuth Neodecanoate is a secure and environmentally-friendly catalyst, can replace the lead (Pb) and mercury (mercury) catalyst and tin catalyst;
2. Bismuth Neodecanoate are more stable hydrolysis resistance than tin catalyst, reduce the selectivity of reaction with water.
3. Bismuth Neodecanoate can promote the reaction of NCO/OH, avoid side reactions of NCO and reduce the formation of carbon dioxide.
4. In one-component system, free the amine shielded, instead of promoting the reaction of water and NCO;
5. Zinc-bismuth combination has a synergistic effect, which can make the formulation and production more flexible and can reduce energy consumption and increase profits.
6. Bismuth Neodecanoate can be used alone, or with amine or other organic metal compounds as auxiliary.

#### Packing:

25kg/ drum, 50kg/ drum, 200kg/drum