



—TECHNICAL DATA SHEET—

有机锌 Organic zinc catalysts

Product name	Metal Content
PFTZN1	19%
PFTZN2	23%

Product	Coating	Adhesive	Sealant	Elastomer	TPU	Dispersing agent	SPUA	Pu Slurry
PFTZN1	▲	▲		▲		▲		
PFTZN2	▲		▲					

Performance

1. Compared with Bismuth and zinc catalyst, reaction speed is slow;
2. Very effective cross linked catalyst, surface of end products does not stick hand. Use Bi-Zn composite catalysts to replace mercury catalysts and add Zn to strengthen post curing to satisfy requirements of adjusting Gelling state or replacing mercury catalysts, we developed a dual metal Bi-Zn composite catalyst. In this kind of catalyst, Bismuth provides gelling speed for curing to form polyurethane electively and rapidly; Zinc as slower gelling and better cross linked catalyst can reduce system acidity and promote cross linking after accelerate reaction.

Users can adjust the Gelling state by changing the two metal's concentration in this system. Such as, by adding PFTZN1 (19% zinc) or PFTZN2 (23% zinc) to increase the zinc content in system, then to extend the operation time in reactor in induction period and promote post cure. Because the customers' reaction systems are different, the best rate of Bismuth and Zinc is also different. Remain Bismuth unchanged, by adding different amount of zinc to test, control rate of Bismuth and zinc between 1:1 to 1:10 proportion, to find out the rate of Bismuth and Zinc which is most suitable for own systems.

Packing:

25kg/ drum, 50kg/ drum