



ZCAT- EZ19 Eco-friendly Organic Zinc Polyurethane Catalyst

Typical Properties	Appearance	Yellowish transparent liquid
	Metal Content	19±0.5%
	Density (g/cm ³ , 25°C)	1.100-1.140
	Viscosity (mPa.s, 25°C)	52000±5000
	Smell	With special compound smell
Environmental Protection	It does not contain heavy metals, polycyclic aromatic hydrocarbons, phthalates and other restricted components, and can meet the requirements of general environmental protection regulations.	
Solubility	Soluble in normal polyurethane raw materials	
Applications	It is widely used in polyurethane industry. It can be widely used in aromatic or aliphatic isocyanate systems such as TDI, MDI, HDI and IPDI, etc. It is recommended for polyurethane CASE (elastomers, two component sealants, adhesives, coatings) products, It is especially recommended for polyurethane soft rubber such as, flexible heel, room temperature curing plastic runway and other elastomer fields.	
Advantages	ZCAT-EZ19 has the typical characteristics of zinc catalyst, the unique characteristics are as following: <ul style="list-style-type: none">▲ Post curing catalyst to shorten forming / demoulding / drying time.▲ The catalytic activity is mild, and it is generally not used alone. It is generally recommended to be used as an auxiliary catalyst in combination with organic bismuth.▲ Good compatibility. It has better solubility than organic zinc catalyst ZCAT-EZ22.▲ Safety and environmental protection; No solvent, the smell is weaker.	
User's Guide	<ul style="list-style-type: none">• It is recommended to be added into polyol components (material P), preferably after vacuum degassing, and stir evenly.• It is not recommended to be added into the components of ISO (Material I) due to the risk of gelation. If necessary, be sure to conduct suitability test first.• The dosage is related to factors such as formula and process. The general dosage is 0.1 ~ 1% of the weight of polyol components (material P).• After use, the tank mouth must be sealed immediately.	
Handling & Storage	Exposure to atmosphere should be avoided. Please store in a cool, dry environment away from sunlight and excessive heat.	
Package	25kg/200kg in HDPE drum	
Shelf Life	The unopened shelf life is 24 months from the date of manufacture. After expiration, it can still be used as usual if qualified by inspection.	

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