



黄山锦峰实业有限公司

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TRIGLYCIDYL ISOCYANURATE (TGIC)

TGIC is an isocyanurate based crystalline polyepoxide compound, its molecular weight is 297(CAS Number:2451-62-9), it owns good heat resistance, weather resistance, adhesive and high temperature performance.

APPLICATIONS:

- 1、 Used as cross-linked hardener for pure polyester powder coatings, the rate is about 6%-10% of the polyester weight(depending on acid value)
- 2、 Used for manufacturing electrical insulation materials, laminate, printed circuit, all kinds of facilities, plastic stabilizer and etc.
- 3、 Used for leather softness modification
- 4、 Used for pharmaceutical intermediates
- 5、 Used for high performance insulating electrical materials , cross-linking curing agent of PCB ink.

TECHNICAL DATAS:

Items	Specifications				
	JF-77	JF-810	JF-77B	JF-77C	JF-77D
Melting Range(°C)	95-125	95-125	95-125	95-125	150-160
Epoxy Equivalent (mol/100g) ≤	110	110	106	105	104
Chlorine Content (eq/100g) ≤	0.6	0.6	0.4	0.2	0.1
ECH Content (ppm) ≤	250	250	200	50	50
Volatile (%)	0.6	0.6	0.5	0.5	0.5
Appearance	White granule (Cylindrical shape)	White granule (Tablet shape)	White granule (Cylindrical shape)	White granule (Cylindrical shape)/ (Powder)	White granule (Cylindrical shape)/ (superfine powder)
Characteristic	Suitable for pure polyester resin powder Coatings, plastic stabilizer.	Suitable for pure polyester resin powder Coatings, plastic stabilizer, Low allergy	Suitable for normal electronic ink , electrical Insulating materials, laminate , Leather softness modification, Pharmaceutical	Suitable for high-end electronic ink	Suitable for High temperature resistance electronic ink

			intermediates, high-end pure polyester resin powder coatings		
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PACKAGE:

Available in PE bag, with net weight of 25kgs/bag.

ATTENTIONS:

Storing in cool and dry places,keep away from direct heating and moisture. Operators should wear impermeable gloves,glasses and mask to avoid inhalation of dust and contacting the eyes,skin and etc. Washing with soap water immediately if contacting skin, washing with plenty of water and seeking medical advice immediately if contacting eyes.

SHELF PERIOD:

One year under normal temperature of 25°C, the product can also be used after passing the inspection if beyond the shelf period.