TAIC

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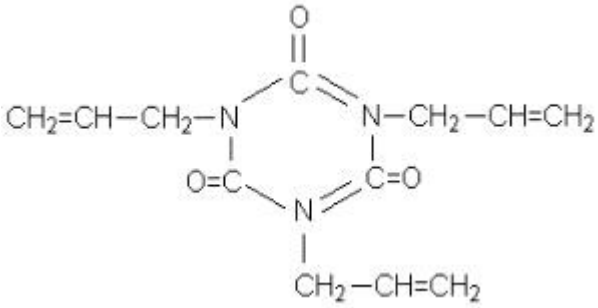
Cross-linking Agent TAIC

Chemical name Triallylisocyanurate

CAS NO ： 1025-15-6

Structural formula



Molecular formula $C_{12}H_{15}N_3O_3$

Molecular Weight 249.27

Specifications

Item	Specifications			
	Liquid 99	Liquid 98	Liquid 96	Solid
Appearance	Colorless transparent liquid or crystal	Almost colorless transparent liquid or crystal	Yellowish oily liquid or crystal	White powder or lumps
Content, % , ≥	99.0	98.0	96.0	—
Residue on ignition , % , ≤	—	—	—	30
Bromine value	—	—	183-188	—
Acid value（mg KOH/g）, ≤	0.2	0.5	1.0	—

Applications Insoluble Sulfur can improve the resistance to both fatigue and ageing of all kinds of

rubber products. It is used as the best vulcanizing agent for rubber. And it is widely used in the manufacture of the rubber chemistry such as tire, rubber pipe, shoes, cable and wire, insulating materials, latex, and all kinds of automobile rubber parts, especially for radial tires.

Advantages of Insoluble Sulfur:

The rubber no need spout frost during storage time. The Insoluble Sulfur is able to keep the unanimous features of the rubber material, and prevent the pollution to rubber product and the models.

With Insoluble Sulfur, there will be no transferring phenomenon between rubber layers that protects the moulding stickiness of the surfaces.

Reduce coking while mix smelting and storage .

Shorten vulcanization time, reduce the dose of sulfur and improve the property of anti-aging of the product.

Package Coextruded paper bags lined with polyethylene film bags. Net weight 25 kg per bags.