

Technical Data Sheet



荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Vulcanizing agent TCY (TMT)

Chemical Name: Trithiocyanuric acid; 1,3,5-Triazine-2,4,6-trithiol

Molecular formula: $C_3H_3N_3S_3$

Molecular weight: 177.26

CAS NO.: 638-16-4

Product specifications:

Item	Specifications	
Appearance	Index	Measured value
	Amorphous Yellow powder	Amorphous Yellow powder
Content(assy) %	≥95%	96%
Melting point(m,p)°C	≥300°C	300°C
Water content%(w,c)	≤0.50	0.4
Ash %	≤0.30	0.3

Applications: It is widely used as stabilizers in polypropylene, rubber and other polymeric, as vulcanization in ethyl acrylate-vinyl chloride polymer. Suitable for acrylic polymer curing agents for ACM, acrylic rubber, epichlorohydrin rubber CO.ECO and chloroprene rubber CR,. Also can be used for rubber blends,. the curing speed, scorch safety, can reduce the curing time, no need to vulcanization again. The vulcanized rubber produced has the characteristic of oil resistant, heat resistant and pressure resistant, significantly better mechanical properties. It is special vulcanizer as an acrylate rubber .It is can also be used in epichlorohydrin rubber and chloroprene rubber, can also be used in co-vulcanization together NBR rubber with PVC, also can be used as a PVC phenol resin cross linking agent single.

Package: 25kg plastic bag, paper and plastic bag, kraft paper bags

Storage: a year kept in normal temperature sealing

Technical Data Sheet (TDS) Version 2.0

Henan Rongxin Technology Co.,Ltd.

TEL: 86-392-2632999 Email: sales@hrongxin.xin Web: www.hrongxin.xin