

RESINS	CROSSLINKING AGENT
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TRIALLYL ISOCYANURATE	Technical Datasheet
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Product Information: POLYMER ADD-TAIC is high quality cross linking co agent for improvement of cross linking efficiency by three functional allyl groups.

Chemical Name	TRIALLYL ISOCYANURATE		
Grade Name	TRIALLYL ISOCYANURATE		
CAS No.	1025-15-6		
EINECS No.	213-834-7		
Molecular Formula	C ₁₂ H ₁₅ N ₃ O ₃		
Synonyms	<ul style="list-style-type: none"> 1,3,5-Tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione 6(1h,3h,5h)-trione,triallyl-s-triazine-4 1,3,5-tri(prop-2-en-1-yl)-1,3,5-triazinane-2,4,6-trione 		
TEST	SPECIFICATION	METHOD	
Appearance	Clear to yellowish liquid	Visual	
Purity	98.0 % Min.	By HPLC	
Boling Range	144 - 152 °C	Boiling point apparatus (open capillary tube method)	
Moisture Content	0.5 % Max.	KF Titration	
Viscosity (30°C, cp)	70 - 110	Viscometer	
Solubility at 25 °C	Solvent	Solubility (gm/100ml)	Visual
	Benzene	Soluble	
	Ethylene Glycol	Slightly soluble	
	Heptane	Soluble	
	Methanol	Soluble	
	Methly Ethyl Ketone	Soluble	
	n-Pentane	Slightly soluble	

Product Applications:

1. POLYMER ADD-TAIC is widely used as a coagent for peroxide cross linking or radiation cross linking of Chlorinated Polyethylene (CPE), EPDM, fluoroelaster.
2. It is used for improvement of plastic, various rubbers and fluorine rubber.
3. It is used in EVA film for solar battery encapsulation.

Product Benifits:

1. It improves cross linking efficiency.

2. It improves heat resistant and hydrolytic resistance.
3. It improves mechanical properties of polymer.

Product Dosage: We strongly recommend testing of your own system under the actual conditions of processing and end-use prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems.

Polymer Details	Suggested dosage
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Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: POLYMER ADD-TAIC is listed under US FDA Inventory of effective Food Contact Substances (FCS) Notification Number FCN No.246 and FCN No. 891.

Title:

Chapter:

Subchapter:

Part:

Subpart:

Section:

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seler be liable for incidental, consequential or indirect damanges for alleges negligence breach of warranty, strict liability, and tort or contact rising in connectoin with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or fur use for which implantation within human body is intended.