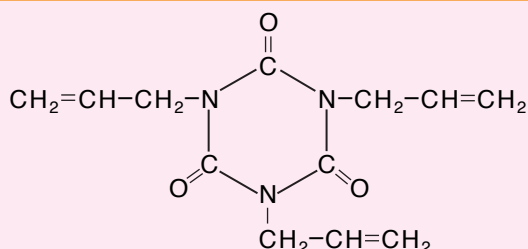


TAIC® [TRIALLYL ISOCYANURATE]

Adding TAIC® to the crosslinking process of polymer and copolymerization greatly improves crosslinking efficiency, heat resistance and mechanical properties



TAIC®

CAS No.: 1025-15-6

T S C A : 1025-15-6

EINECS : 2138347

Features

- Improvement of crosslinking efficiency by three functional allyl groups
- With a triazine ring, heat resistance is greatly improved.
- Various polymers can be greatly improved by copolymerization
 - ① Heat resistance
 - ② Mechanical characteristics
 - ③ Hydrolytic resistance
 - ④ Weather resistance

Applications

- Improvement of various rubbers
- Improvement of plastic
- Material for polymer alloy

Properties

- Chemical formula $\text{C}_{12}\text{H}_{15}\text{N}_3\text{O}_3$
- Appearance Slightly yellowish liquid or white solid
- Viscosity 80 ~110mPa·s(30°C)
- Melting point 23 ~27°C
- Moisture Max 0.1%

Related products

● Powder type crosslinker

① TAIC® M - 60

Made by impregnating diatomaceous earth with 60wt% of TAIC®. As this product is in powder form, it is easy to handle and disperse to rubber, etc.

② TAIC® WH - 60

Made by impregnating white carbon with 60wt% of TAIC®.

③ TAIC® Prepolymer

This product is powder-type with low volatility in high-temperature processing fields

● High temperature processing field crosslinking agent

TMAIC® (Trimethallyl isocyanurate)

● Flame retardant

TAIC®-6B

(Tris [2,3 dibromopropyl] isocyanurate)

This product has high flame-resistance to PP or PS, and does not cause no bleeding compared to other Br-Flame retardant

Packing

- 20kg oil Can
- 200kg Drum