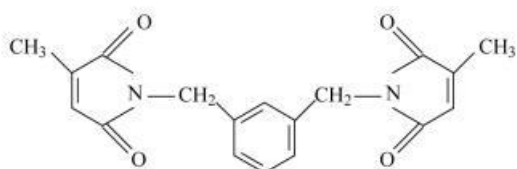


Anti-reversion Agent WK-901

Chemical Name: 1,3-bis(citraconimidomethyl)benzene

Molecular Structure:



Molecular Formula: C₁₈H₁₆O₄N₂

Molecular Weight: 324

CAS NO.:119462-56-5

Specifications:

ITEM	SPECIFICATIONS
Appearance	Nearly white powder or granule
Melting point,initial °C≥	75
Melting range,final °C	80-90
Ash %≤	0.3
Heating loss %≤	0.5

Properties and Applications: WK-901 is an antireversion agent which provides long term heat stability in sulfur vulcanized compounds by substituting stable, flexible carbon-carbon crosslinks for the sulfur crosslinks that are destroyed by reversion in the mold or during product service life. It is used in most sulfur vulcanized polymers such as NR,IR,SBR,BR or blends to provide improved reversion resistance on overcure. It is used to allow the use of higher curing temperature for improved productivity without sacrificing performance properties. It's not reactive during the initial stages of vulcanization. Scorch and cure time are therefore not affected, thus to be added without making other compound or process modifications. The dosage level of WK-901 needs to be optimized based on the expected degree of reversion.

The recommended dosages are as follow:Efficient cure systems: ≤0.4 phr;Semi-efficientcure systems : ≤0.5 phr; Conventional cure systems: ≤0.75 phr;High sulfur compounds: ≤0.75 phr.

Storage: Stored closely in a cool,dry,well-ventilated area.Avoid exposure to direct sunlight.

Package: In 25kg paper bags with plastic inner.