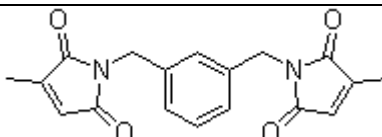


**Antireversion Agent Wk-901**

Chemical Name		1,3-Bis(citraconimidomethyl)benzene	
Molecular Formula		C ₁₈ H ₁₆ N ₂ O ₄	
CAS NO.		119462-56-5	
Synonym		Perkalink 900	
Structure			
Revision Number	02	Date	01/12/2009
Specification			
Item	pdr	Test Method	
Appearance(visual inspection)	Off white powder		
Initial M.P. °C ≥	75	ASTM D 1519-00	
Final M.P. °C	80-90	ASTM D 1519-00	
Loss on drying% ≤	0.50	ASTM D 4571-02	
Ash content% ≤	0.30	ASTM D 4574-02	
Properties:			
WK-901 is an antireversion agent which is not reactive during the initial stages of vulcanization. There are not affected in scorch and cure time. So it can be added without making other compound or process modifications.			
Application			
It can be used in most sulfur vulcanized polymers such as NR, SBR, BR or blends of these elastomers 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 is usually used in high sulfur skim compounds to provide reduced heat generation and retention of adhesion to brass plated steel reinforcing material as well as enhanced thermal aging resistance. It can be used in bladder to reduce or eliminate sulfur, and overcoming mold fouling.			
Recommend Dosage			
It begins to work when sulfur cross-links are being destroyed. It is most effective in compounds that are sensitive to thermal degradation. The dosage of WK-901 needs to be optimized based on the expected degree of reversion (it is decided by the accelerator/sulfur ration). As a starting point, we recommend the following dosages: Efficient to semi-efficient cure systems: 0.25-0.40phr Semi-efficient cure systems: ≤0.75phr Conventional cure systems: ≤0.75phr High sulfur compounds: ≤0.75phr			
Storage			
It should be stored in dry, good ventilation conditions place, Avoid exposure to direct sunlight.			
Package			
Bag : 20kg/bag		Pallet(1.1*1.1): 700kg	