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RUBBER CHEMICALS
-ACCELERATORS-
SPECIALTIES

ROBAC AS-100

PRODUCT DESCRIPTION:

AS-100 is a xanthogen polysulfide which may be used to vulcanize natural and synthetic rubbers. It will not cause side reactions which may produce toxic materials, such as thiourea, isothiocyanates, isocyanates, N-nitrosoamines, etc. AS-100 contains no nitrogen and therefore will not contribute to nitrosoamine formation.

TYPICAL PROPERTIES:

Composition	xanthogen polysulphide
Appearance	low viscosity, yellow liquid
Assay.	95%
Flash Point	109°C
Specific Gravity	1.29 calc
pH	7.2

APPLICATION

Robac AS-100 can be used in latex and solid rubber formulations. AS-100 will develop a lower state of cure than many commonly used rubber accelerators. It is recommended that AS-100 be used in combination with additional accelerators such as ZBED, TBzTD, MBTS or ZMBT. Typical dosages for AS-100 range from 0.5 to 1.5. This accelerator is FDA approved for use in articles in contact with food as specified in CFR 21, Section 177.2600.

CHEMICAL DISPERSION:

AS-100 is also available as Akroform AS-100 PM (40). This polymeric masterbatch contains 40% AS-100 and has a specific gravity of 1.40. Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality and raw material control.

Robac AS-100 is produced by Robinson Brothers Limited.

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