

## Retarder V. E/C

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.

Classification: Rubber Retarder

Specification Properties	Value
Ash Content, %	6 maximum
Assay HPLC, %	90 minimum
Oil Content, %	1-2
Sieve Residue on 63 $\mu$ , %	0.5 maximum
Volatile Matter, %	0.3 maximum
Typical Properties	Value
Physical Form	White to beige powder

### > APPLICATIONS

**Uses:** Retarder V. E/C greatly retards the onset of cure without considerably extending the total cure time. It is preferably used with sulfenamide or thiazole accelerators to improve processing safety, leaving the properties of the vulcanizates generally unchanged. Retarder V. E/C has minimal effect on the vulcanization of compounds containing thiurams, NBR compounds being an exception. If magnesium oxide is added, Retarder V. E/C is also effective in thiuram cured compounds based on NR or SBR. Retarder V. E/C does not affect the vulcanization properties. Retarder V. E/C does not cause contact staining. Vulcanizates exposed to light do not discolor. Pure white articles may have some slight yellowing under prolonged exposure.

**Recommended Dosage:** 0.1-2.0 phr

**Applications:** Compounds based on synthetic and natural rubber, which are mainly cured with thiazole and sulfenamide accelerators, in the production of tires, conveyor belts, soles, molded and extruded articles.

### > PACKAGING AND STORAGE

**Packaging:** 25 Kg (55.115 lb.) bags.

**Shelf Life:** 2 year from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packages in a cool dry place.

Specification Date: February 25, 2013