

# Process Aid H A50

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.

Classification: Process Aid and Peptizer

Specification Properties	Value	Test Method
Ash Content, %	12-14	GB11409.7-89
Iodine Value	40-50	ASTM D1959M
Melting Point, °C	97-109	Supplier
ZnO, %	11.5-14.5	ASTM D482M
Typical Properties	Value	Test Method
Physical Form	Light brown pastilles	Visual
Density, g/cm <sup>3</sup>	1.0-1.1	Typical

## > APPLICATIONS

**Uses:** Peptizing effect in NR and IR upwards of 60°C. Retards scorch and accelerates vulcanization. Decreases the viscosity of compounds based on NR resulting in easier processing, leading to higher extrusion rates, better dimensional stability and a constant level of die swell. Also provides a good dispersion of the fillers and rubber chemicals in the compound. Depending on the composition of the mixture, improves scorch behavior, promotes vulcanization and makes the process of demolding much easier, leaving the mold clean.

## Recommended Dosage:

NR: 2-3 phr	ACM: 2-3 phr	NBR: 2-3 phr
HNBR: 2-3 phr	SBR: 2-3 phr	BR: 2-3 phr
IR: 2-3 phr	EPDM:2-3 phr	IIR: 2-3 phr

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

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

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

**Specification Date:** August 8, 2016 (Supersedes December 29, 2014)