



SOVEREIGN CHEMICAL COMPANY

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HA50-7 Process Aid

Manufacturer	Shandong Yanggu Huatai Chemical Co., LTD.
Classification	Process Aid
Function	Peptizer and processing aid for elastomer compounds, especially those based on NR.

Physical Data

Specification Properties	Value	Test Method
Ash Content, % by mass	12.0-14.0	GB11409.7-89
Melting point, °C	97.0-109.0	Supplier
ZnO, % by wt.	11.5-14.5	ASTM D482M
Iodine value	40-50	ASTM D1959M
Typical Properties		
Physical Form	Light brown pastille	Visual
Density, 20 °C/g/cm ³	1.0-1.1	

Applications

Uses: Peptising 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.

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: 3.31 Kg (7.3 lb.) low melt bag. 287 bags/box (950 kg).

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

Storage: Store in unopened original packaging in a cool dry place.

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