

Process Aid HA50

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 ³ | 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: 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 packages in a cool dry place.

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