

## Process Aid HT16

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.

Classification: Process Aid

Specification Properties	Value
Ash Content, %	5.8-7.0
Typical Properties	Value
Physical Form	Beige granules
Density, g/cm <sup>3</sup>	1.03

### > APPLICATIONS

**Uses:** Improves the flow properties of polymeric compounds by reducing viscosity and promoting slippage at the rubber-to-metal interface. This leads to higher extrusion rates, improved dimensional stability and a constant level of die swell. During injection molding HT16 improves mold flow. It prevents sticking to the metal surfaces and enhances demolding without mold fouling. It is recommended to use HT16 when the mold has a complicated geometry. At the mixing stage, HT16 prevents sticking to roll surfaces and the rotors of the internal mixer. HT16 has an activating effect on the cross-linking rate of sulfur cross-linked polymer compounds. In CR compounds, HT16 has a stabilizing effect. Processing safety is increased.

**Processing:** Can be added to the polymeric compound any time during the mixing cycle. In order to optimize the releasing effect, it is advisable to add HT16 just before the mixing cycle, e.g. at the heating before calendaring.

### Recommended Dosage:

in EPDM: 1-3 phr

in IIR: 2-5 phr

in IR: 2-3 phr

in BR: 2-3 phr

in BIIR/CIIR: 2-5 phr

in CR: 2-4 phr

in ACM: 1-3 phr

### > PACKAGING AND STORAGE

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

**Shelf Life:** 3 years from date of manufacture if stored as indicated below.

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

**Specification Date:** January 15, 2015 (Supersedes February 10, 2014)