



SOVEREIGN CHEMICAL COMPANY

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Process Aid HT12

Manufacturer	Shandong Yanggu Huatai Chemical Co., LTD.
Classification	Process Aid
Function	Processing promoter for compounds based on natural and synthetic rubber.

Physical Data

Specification Properties	Value
Ash content, %	18.5-21.5

Typical Properties	Value
Physical Form	White pellet
Density, g/cm ³ @20 °C/	1.2

Applications

Uses: Technical molded and extruded goods of all kinds. Zinc free processing promoter HT12 provides a good dispersion of the ingredients in the rubber compound. Mixing time can be reduced, thus energy savings are possible. The sticking of the compound to mixing units can be avoided. The manufacture of semifinished goods is made easier, i.e. extrusion and calendering of heavy-filled compounds is improved. Surface structure and dimensional stability are positively influenced. HT12 improves the flow properties of the rubber compound. Therefore, it is possible to fill the molds - used for transfer and injection molding - faster and under lower pressure. Demolding of vulcanizates is facilitated.

Processing: HT12 can be incorporated both in the internal mixer or on the mixing mill.

Dosage

Guidelines (in phr)		
in NR: 2-4	in ACM: 2-4	in SBR: 2-4
in EPM: 2-4	in BR: 2-3	in BIIR/CIIR: 1-3
in NBR: 2-4	in EPDM: 2-4	

Packaging and Storage

Packaging: 25 Kg (55.1 lb.) bag.

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

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

Specification Date: February 10, 2014 (Supercedes: Provisional)