



SOVEREIGN CHEMICAL COMPANY

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Process Aid HT54

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

Physical Data

Specification Properties	Value
Melting point, °C	50.0-60.0

Typical Properties	Value	Test Method
Physical Form	White irregular flakes	Visual
Density, g/cm ³ @20 °C/	1.0	

Applications

Uses: Particularly suitable for AU, CO, ECO, and FPM, technical molded and extruded articles, also for food contact applications (compliance with several BfR and FDA recommendations).

Processing: HT54 decreases the viscosity of rubber compounds, resulting in easier processing and faster compounding. HT54 noticeably reduces sticking of compounds to mixing units, supports removal of vulcanizates from the mold. It improves absorption of all kinds of fillers and extrusion properties of compounds. HT54 does not affect properties of the vulcanizates. HT540 promotes the demolding of press-cured articles and reduces mold fouling.

Dosage

Guidelines (in phr)

in FPM (IM): 1-2	in FPM (extrusion, calander): 2-3
in ECO: 2-4	in EPDM: 2-4
in CO: 2-4	in CSM: 2-4
in IIR: 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)