

# PT SIDDHARTA MANDIRI INDONESIA

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## HT42

## Processing Promoters

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**Function** Processing promoter for compounds based on all synthetic rubbers, especially NR, SBR, NBR, CR and EPDM.

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**Product description**

Composition:	water-free blend of fatty acids, fatty alcohols and fatty acid esters
Appearance:	light-brown to brown pastilles
Density, 20 °C:	approx. 0,90 g/cm <sup>3</sup>
Solidification point:	82 - 97°C
Discolouration of vulcanizates:	none
Physiological properties:	see safety data sheet

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### Use

**Mode of action:** HT42 acts as an excellent dispersing agent for fillers and rubber chemicals. It increases the plasticity of uncured compounds and improves the flow properties. The output and the rate of extrusion of profiles are increased. HT42 imparts smooth surfaces to extrudates and calendered foils. The vulcanizate properties are practically not affected by HT42.

**Processing:** HT42 can be incorporated both in the internal mixer or on the mill. It is recommended to add HT42 together with the fillers.

**Dosage:**

in NR: 2 - 5 phr	in CIIR: 2 - 5 phr	in CSM: 2 - 5 phr
in ACM: 2 - 5 phr	in EPDM: 2 - 5 phr	in CR: 2 - 5 phr
in SBR: 2 - 5 phr	in CO/ECO: 2 - 5 phr	in EPM: 2 - 5 phr
in BIIR: 2 - 5 phr	in NBR: 2 - 4 phr	in IR: 2 - 5 phr
in BR: 2 - 5 phr		

**Application:** For all rubbers including EPDM and CR. For technical molded and injected articles of all types, footwear. For continuous vulcanisation processes (LCM, UHF) and injection molding.

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**Packing** 25 kg paper bag

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**Storage stability** In original closed containers under cool and dry conditions max. 3 years.

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