

PT SIDDHARTA MANDIRI INDONESIA

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HT12

Processing Promoters

Function	Processing promoter for compounds based on natural and synthetic rubber.	
Product description	Composition:	Blend of fatty acid esters and hydrocarbons bound to inactive fillers
	Appearance:	whitish pellets
	Density(20 °C)/ g/cm³:	approx. 1.20 g/cm ³
	Ash content:	20.0 ± 1.5 %
	Discolouration of vulcanizates:	none
	Physiological properties:	see safety data sheet
Use		
Mode of action:	Zinc free processing promoter HT12 provides a good dispersion of the ingredients in the rubber compound. Mixing time can be reduced, 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 moulds - used for transfer and injection moulding - faster and under lower pressure. Demoulding of vulcanizates is facilitated.	
Processing:	HT12 can be incorporated both in the internal mixer or on the mixing mill.	
Dosage:	in NR: 2 - 4 phr in ACM: 2 - 4 phr in SBR: 2 - 4 phr in EPM: 2 - 4 phr in BR: 2 - 3 phr in BIIR / CIIR: 1 - 3 phr in NBR: 2 - 4 phr in EPDM: 2 - 4 phr	
Application:	Technical moulded and extruded goods of all kinds	
Packing	Plastic and paper bag, 25 kg	
Storage stability	In original closed containers under cool and dry conditions max. 3 years	