

PT SIDDHARTA MANDIRI INDONESIA

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H40MSF

Homogenizing Agent

Function	Homogenizing, dispersing and tackifying resin for solid rubbers and bonding solutions	
Product description	Composition:	High temperature copolymerization of paraffines, aromatics and naphthenics.
	Appearance:	Dark brown to black flakes
	Specification characteristics	95 - 105 °C
	Ash (DIN 52005):	max.2 %
	Physiological properties:	see safety data sheet
Use		
Mode of action:	H40MSF improves the homogeneity of various rubber blends and Improves the dispersion of fillers and other rubber chemicals. The viscosity of all rubber compounds is increased. H40MS is a unsaponifiable resin, which is resistant against alkalis, acids and other chemicals. In all ruber compounds H40MS improves compounding, ply-adhesion properties, extrudability, calandering and mould flow. In general, H40MS has little influence on vulcanizate properties. A clear improvement of tear strength, e.g. of NR/BR, CIIR and BIIR vulcanizates is to be emphasized.	
Processing:and Dosage:	H40MSF can be incorporated both in the internal mixer or on the mill. It Should be added together with the fillers.	
Dosage:	in NR: 3 - 12 phr in BR: 3 - 12phr in SBR: 3 - 12 phr in NBR-Blends with different molecular weight: 3 - 9 phr in NBR-Blends with other elastomers: 3 - 9 phr in EPDM-Blends with different molecular weight: 3 - 9 phr in EPDM-Blends with other elastomers: 3 - 9 phr in BIIR/CIIR: 3 - 12 phr in CR: 3 - 5 phr in IIR: 3 - 10 phr in IR: 3 - 12 phr	
Application:	Truck tires, passenger car tires, industrial and bicycle tires, retreads, conveyor belts and other technical rubber goods. Due to its colour H40MS is used in dark compounds.	
Packing	25 kg paper sacks	
Storage stability	In original sealed containers under cool and dry conditions, the product has a shelf life of 1years.	