

PT SIDDHARTA MANDIRI INDONESIA

Pusat Niaga Terpadu

Jl. Daan Mogot Km. 19,6 Blok C No. 8 B

Tangerang, 15122

Tlp. 021-5451119, 54372733 Fax. 021-54372303

Mixgran® CBS-80

Predispersed rubber
chemicals and additives

Function	Accelerator for the vulcanization of natural and synthetic rubbers	
Product description	Composition:	80% N-cyclohexyl-2-benzothiazyl sulphenamide 20% elastomer binder und dispersing agents
	Appearance:	Off white to grey granules
	Density, 20 °C:	approx. 1,05 -1,25g/cm ³
	Discolouration of vulcanizates:	none
	Physiological properties:	see safety data sheet
Use		
Mode of action:	The curing accelerator Mixgran® CBS-80 provides a considerably long scorch time, great processing safety and a fast full cure. Mixgran® CBS-80 is used as a sole accelerator for the low sulphur vulcanization or in combination with dithiocarbamate or thiuram accelerators. The vulcanizates obtained have good ageing resistance and a good compression set. The scorch time of mixes containing Mixgran® CBS-80 in combination with thiuram and dithiocarbamate is noticeably reduced. Thiourea has a strong secondary acceleration effect on Mixgran®CBS-80, mainly in mixes containing little sulphur. In compounds which are accelerated with mercaptanes and thiurams, Mixgran® CBS-80 may delay scorch.	
Dosage:	NR:	primary: 0,5 - 1,0 phr with 2,5 - 3,5 phr sulphur secondary: 0,5 phr with 1,5 - 3,0 phr sulphur and 0,3 phr mercapto or thiuram accelerators
	SBR:	1,0 - 1,4 phr with 1,5 - 2,5 phr sulphur and 0 - 0,2 phr thiuram accelerator
Application:	treads, air hoses, conveyor belts, footwear and other technical articles	
Packing	25 kg paper carton	
Storage stability	In original closed containers under cool and dry conditions max. 1 year.	