

## MACHINERY AND EQUIPMENT

### Conveyor belt, black

### Skim compound for steel cord belts for drift mining, with good flame retardance

75 Shore A, CR

Guide formulation of Bayer (now Arlanxeo)	T.I.B. 4.7.2
Baypren 611	100
Buna CB 11 )*	10
Stearic acid	1
Scorchguard O	4
Rhenofit DDA	3
Vulkasil S	25
HAF N-330	20
SILLITIN N 82 )**	20
Aluminum hydroxide	60
Antimony oxide	5
Chlorinated paraffin	15
Aromatic mineral oil	5
Zinc oxide	5
Sulfur	1
Litharge	2
<b>Total phr</b>	<b>276</b>

)\* No longer available. Recommended: Buna CB 24

\*\* No longer available. Recommended: SILLITIN N 75

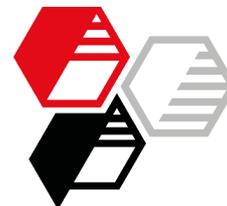
### Compound preparation

#### Premix in internal mixer GK 5, 20°C / volume load 70 % / rotor speed 24 rpm

Polymer		0.5
All components except half of stearic acid, zinc oxide, sulfur and litharge	min	5.5
Running time	min	6.0

#### Completion on open mill after storing 24 h

Premix	min	1
Rest of stearic acid, cutting	min	1
Zinc oxide, sulfur and litharge	min	3
Homogenization	min	2



T.I.B. 4.7.2

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**Physical properties**

**Press cure 20 min @ 150°C**

Hardness	Shore A	approx. 75
Tensile strength	MPa	approx. 9
Elongation at break	%	approx. 450

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