

Deovulc BG 187 V

Accelerator Blends

Description

Deovulc BG 187 V is a blend of accelerators, which cannot form any nitrosable secondary amines

Composition

Synergistic combination of thiazole-, dithiophosphate- and basic accelerators

Application

Deovulc BG 187 V is for nitrosamine free vulcanized articles (mainly EPDM) which have to be non blooming and non staining. By addition of ZBEC or TBzTD or CBS cure times can be shortened.

No blooming phenomena have been observed so far. In view of the multitude of possible compounds formulations, freedom from blomm cannot be guaranteed

Dosage

Black loaded compounds: 4.0 – 6.0 phr

Light coloured compounds: 6.0 – 8.0 phr

Sulphur: 0.8 – 2.0 phr, preferably 1.2 – 1.5 phr

Additional accelerator: possible

Typical physical properties

		Unit
Colour	Beige dustfree powder	/
Total Sulphur	18.5 – 21.5	%
Density at 20°C	1.34 – 1.46	g/cm ³

Benefits

Does not form toxic nitrosamines

Balanced vulcanization characteristics

Good solubility in the polymer and hence bloom free

Associated products

Deovulc EG 3 MF

Deovulc EG 3

Deovulc BG 383

Storage

In originally sealed package in cool and dry places at max. 25°C

Storage stability: min. 18 months

Supply Form

25 kg in cardboxes with PE-inliner

German Food Legislation (BfR recommendation XXI)

Not approved

US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Not listed

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