

## Technical Data Sheet

### Product Name: JC EPMix CBS-80

**Chemical Composition:** N-cyclohexyl-2-benzothiazyl Sulfenamide with elastomer binder and dispersing agent.

**Product Description:** JC EPMix CBS-80 is vulcanization activator bound with elastomer binder and dispersing agent.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Off White/Light yellow granules
2	N-cyclohexyl-2-benzothiazyl Sulfenamide	%	80
3	Elastomer binder and Dispersing agent	%	20
4	Mooney viscosity (ML1+4@80°C)	-	≤50
5	Specific Gravity	-	≤1.3
6	Ash Content	%	≤2.0

**Advantage:**

Stock optimization  
 End product consistency  
 Eliminates material storage & logistics issue  
 Saving of energy, time & labor Quality enhancement

**Standard Packing:** 20kg Bag

**Shelf life:** 2 year from D.O.M

**Storage:** Store in cool and dry place away from moisture & sunlight

**Dosage:**

**NR:**

Primary: 0.5-1.0 Phr with 2.5-3.5 Phr sulfur

Secondary: 0.5 Phr with 1.5-3.0 Phr sulfur and 0.3 Phr Mercapto or Thiuram accelerators

**SBR:**

1.0-1.4 Phr with 1.5-2.5 Phr sulfur and 0-0.2 Phr Thiuram accelerator

**Mode of Action:** The curing accelerator JC EPMix CBS-80 provides a considerably long scorch time, great processing safety and a fast full cure. JC EPMix CBS-80 is used as a sole accelerator for the low-sulfur vulcanization or in combination with Dithiocarbamate or Thiuram accelerators. The vulcanizates obtained with JC EPMix CBS-80 provide good aging resistance and a good compression set.

The scorch time of mixes containing JC EPMix CBS-80 in combination with Thiuram and Dithiocarbamate is noticeably reduced. Thiuram has a strong secondary acceleration effect on JC EPMix CBS-80, mainly in mixes containing little sulfur. In compounds accelerated with Mercapto and Thiuram, JC EPMix CBS-80 may delay scorch.

**Application:** Tire treads, technical rubber components, e.g. air hoses, conveyor belts, footwear.

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