

Technical Data Sheet

Product Name: JC EPMix TBBS-80

Chemical Composition: N-tert-butyl-2-benzothiazolesulfenamide with elastomer binder and dispersing agent.

Product Description: This product is a granular, free-flowing master batch, N-tert-butyl-2-benzothiazolesulfenamide is uniformly dispersed elastomer binder matrix and having better dispersion consistency

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Off White granules
2	N-tert-butyl-2-benzothiazolesulfenamide	%	80
3	Elastomer binder and dispersing agent.	%	20 %
4	Specific Density	-	≤1.2
5	Mooney viscosity (ML1+4@80°C)	-	≤50
6	Ash Content	%	≤1.0

Advantage:

Non dusting & safe handling, better dosing accuracy.
 Excellent dispersion, avoid agglomeration.
 Shorter mixing time, lower energy consumption.
 Improves uniformity and final product properties.

Standard Packing: 25 kg Box

Shelf life: 2 years from D.O.M

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

Mode of Action: JC EPMix TBBS-80 is a curing accelerator that delivers an excellent balance of processing safety and cure speed. It offers a long scorch delay and a rapid full cure. This product can be used alone in low-sulfur systems or synergistically with Dithiocarbamate or Thiuram accelerators. The vulcanizates obtained have good aging resistance and moduli, its combination with Thiuram or Dithiocarbamate significantly increases the curing rate. Thiuram acts as a potent secondary accelerator for JC EPMix TBBS-80, especially in low-sulfur compounds. Conversely, in formulations already using Mercapto and Thiuram accelerators, it can have a scorch-delaying effect.

Application: Primarily used in natural rubber (NR) & synthetic rubber -SBR, BR, NBR,

Declaration: All Information in This Publication is in Accordance With Our Present Experience and Knowledge. However, Since We Have No Influence on the Way in Which Our Products Are Treated and Used, We Can Not take Any Responsibility in This Respect. The User Must Assume Responsibility Himself for Checking Whether the Products Are Suitable For the Purpose And Use Proposed By Him. All Existing Proprietary Rights, laws And Regulations Shall Be Observed

Jayam Chemicals LLP

Plot no. 31/A, Part A, Opp. Baumer Industries,
 1st phase, GIDC Vapi-396
 195,
 GSTIN/UIN: 24AAGFJ3239G1ZK
 Phone: 0260- 2425399
 Email: info@jayamchemicals.com https:

