

## Technical Data Sheet

### Product Name: JC EPMix S-80

**Chemical Composition:** Sulphur with elastomer binder & dispersing agent.

**Product Description:** JC EPMix S-80 is a finely ground Sulphur powder of 325 mesh, is mixed with elastomer binder available in the form of yellow granules.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Yellow granules
2	Sulphur	%	80
3	Elastomer binder & Dispersing agent	%	20
4	Mooney Viscosity (ML 1+4@100°C)	-	≤50
5	Specific Gravity	-	≤1.65
6	Ash Content	%	≤1.0

#### Advantage:

Enhances vulcanizing efficiency  
Better dispersion to mitigate blooming  
High ageing resistance  
Ease in storage & handling  
Environment friendly

**Standard Packing:** 25kg Box

**Shelf life:** 2 years from DOM

**Storage:** Store in a cool and dry place

**Dosage:** The dosage is the same as with non-elastomer-bound sulfur. A higher dosage according to the sulfur content is, due to the better dispersion, usually not Necessary.

**Mode of Action:** Dispersion provides higher physical properties, both before and after ageing properties. In dynamic flexing parts it provides higher service life. In colored applications, uniform dispersion of sulphur is very important. JC EPMix S-80 avoids brown spots on the surface. Elastomer binder is especially designed to offer a maximum stability during storage and transport.

**Application:** Soft compounds: bright-colored compounds that have to be free of sulfur stains, rubber articles which have to withstand dynamic stress.

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#### Jayam Chemicals LLP

Plot no. 31/A, Part A, Opp. Baumer Industries,  
1st phase, GIDC Vapi-396195,  
GSTIN/UIN: 24AAGFJ3239G1ZK  
Phone: 0260- 2425399  
Email: info@jayamchemicals.com



<https://www.jayamchemicals.com/>