

Technical Data Sheet

Product Name: JAYSULF-98

Chemical Composition:

Sr. No.	Composition	Purity (%)	Specifications
1	Sulphur	> 99.6	97.5
2	Coating additives	100	2.5

Product Description: JAYSULF-98 is the preferred grade for the rubber makers. This is a finely ground Sulphur powder of 325 mesh size, treated with anti-caking additives.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	Free Flowing Yellow Powder
2	Coating additives	%	≤ 2.5
3	Ash content	%	≤ 3
4	Moisture content	%	≤ 0.5
5	Bulk density	g/cc	0.65 ± 0.1
6	Fineness on 325 mesh	%	> 96

Advantage:

Enhances vulcanizing efficiency
 Help to mitigate Sulfur blooming by improving the Sulfur dispersion
 Imparts ageing resistance
 Improves the mechanical properties & durability of rubber products
 Excellent dispersion avoids the brown/black spot formation in white & colored rubber products

Standard Packing: 25kg bag

Shelf life: 2 years from D.O.M

Storage: Store in cool and dry place

Dosage: As per the formulation

Mode of Action: A smaller particle size increases the surface area and enhances its activity that improves dispersion in natural & synthetic rubbers especially in NBR compounds. Anticaking agent reduces lumping and agglomeration which avoids blisters and black spots in white and colored products.

Application: It is used for rollers, football cover, textile cots and aprons, tubing, textile blankets and rolls, oil seals and O-rings, molded items, soft compounds: bright-colored compounds, rubber articles which have to withstand dynamic stress.

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Mode of Action: Treatment of 325 mesh JAYSULF-98 imparts wetting properties that improves Sulphur dispersion in water using a ball mill, bead mill or other suitable apparatus and is particularly suitable for vulcanization of synthetic and natural rubber latex.

Advantage: In the preparation of fine milled Sulphur dispersion in water particularly grinding becomes easy, stability of dispersion is enhanced, gloss of the latex product improves. Enhances vulcanizing efficiency, minimizes the defects like particle inclusions in latex products.

Application: It is useful in the production of industrial gloves, rubber threads, molded foam, for thin and transparent latex products like gloves for medical application, balloons, condoms etc.

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