

TECHNICAL DATA SHEET

SULPHUR POWDER MC – 98

(MAGNESIUM CARBONATE TREATED)

Rubbermakers Sulphur Powder MC – 98 is a treated grade of sulphur used to vulcanize rubber compounds. Sulphur tends to re-agglomerate and the magnesium carbonate treatment acts as a parting agent improving dispersibility, reducing caking and hard particles.

Sulphur from the Frasch Process

A significant amount of the world's sulphur supply comes from sulphur-bearing limestone deposits found in the gulf coast region of the North American continent. The sulphur occurs at depths of 500 to 3,000 feet in domes subterraneous up-thrust by columns of salt. The Frasch process utilizes a steel tube made up of three concentric pipes that are driven underground to reach the sulphur deposit. Superheated water is then pumped down under great pressure in the outermost pipe to melt the sulphur. Air pressure from the innermost pipe forces the sulphur up the third pipe to the surface where it cools and solidifies.

Standard Quality Sulphur is usually difficult to disperse in NBR, **Sulphur Powder MC – 98** is used for proper dispersion, it is recommended for use in any nitrile application although it also works with other polymers that requires good quality sulphur dispersion (e.g., dynamic flexing parts, coloured parts that display brown dots of poorly dispersed sulphur, or parts that have inconsistent cured properties) will benefit from the **325 – Mesh fineness of Sulphur Powder MC – 98**.

Technical Specifications		
Sr. No.	Characteristics	Value
1.	Sulphur Purity, Min.	97.5 %
2.	Heat Loss	0.15 %
3.	Ash	2.1 % Max.
4.	Acidity (As H2504)	0.01%
5.	Specific Gravity	2.07
6.	Fineness Through 200 Screen	100 %
7.	Fineness Through 325 Screen	98 %
8.	Shelf Life	24 Months

Packing: 50 lb. net wt. multi-wall bags or 22.68 kg

Country of Origin: United States of America

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