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# SULFURS

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### DESCRIPTION/APPLICATIONS:

Sulfur is the most frequently used vulcanizing agent in rubber. Akrochem offers a broad line of sulfurs, which are packaged in 50 lb. net weight multiwall bags, to meet specific applications:

- RM Sulfur is the most widely used, general purpose grade.
- OT and 1% OT Sulfur offer two levels of oil to minimize dust.
- Fine, treated sulfur is similar to RM grade but with more consistent particle grind size and slightly less dusting.
- Superfine Sulfur is an especially fine-ground form of Rubbermaker's Sulfur.
- MC-98 Sulfur is treated with magnesium carbonate (thus the ash content) to improve dispersibility and reduce caking. Extremely fine particle size. Because sulfur has low solubility in nitrile rubber, MC-98 is used to gain maximum dispersion in NBR. However, MC-98 can be used in any sulfur-curable polymer when optimum dispersion is desired.
- MC-HOT Sulfur is a high oil-treated (HOT) version of MC-98. Oil treatment reduces dust and improves dispersibility even more. MC-HOT is the ultimate powdered sulfur for dispersion.
- Flaked Sulfur is for industrial uses and not typically used in rubber.

Akrochem Name	Sulfur Purity %	Heat Loss	Ash	Oil Content	Passing through 80 mesh	Passing through 100 mesh	Passing through 200 mesh	Passing through 325 mesh
Rubbermaker's (RM) Sulfur	99.5	0.15	0.10	0.0			90% min	
OT Sulfur	99.0	0.15	0.10	0.5			90% min	
1% OT Sulfur	98.0	0.15	0.15	1.0	99.9%min			
Fine Treated Sulfur	99.5	0.10	0.15	---		99.5 % min	91% min	
Superfine Sulfur	99.5	0.15	0.10	---				95% min
MC-98 Sulfur	97.5	0.15	2.10	---				98% min
MC-HOT Sulfur	96.4	0.15	2.60	1.0			99% min	90% min
Flaked Sulfur-Crude	99.5	0.15	0.10	---	95% min*			

\* 1/2" sieve

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