

Stabilized Insoluble Sulfur Manufacturing Business

Description:

Stabilized Insoluble Sulfur Manufacturing Business. Production of Insoluble Sulphur Stabilizing Agent

Insoluble sulfur (IS) is a type of sulfur polymer, which is insoluble in CS₂ and is a good rubber vulcanizing agent [1-4]. There are two types of IS, oil-filled and non-oil-filled. The production of IS usually adopts a high temperature method, which causes the liquid or gas sulfur to spray into cold liquids to obtain IS with a concentration of 30-60wt%. To obtain high concentrations of IS, solvent has been used to extract the soluble sulfur, followed by filling with oil to obtain oil-filled IS [2, 7-11].

Insoluble sulfur is an important rubber additive agent. It improves product quality, wearability and resistance to both fatigue and ageing. In addition to being universally recognized as the best vulcanizing agent, it is widely used in the manufacture of tire, rubber pipe, shoes, cable and wire insulating materials, latex, all kinds of automobile rubber parts and is also a necessary component of belt tires. Therefore, due to its non-blooming characteristic, insoluble sulfur is widely used in the manufacture of radial rubber and other synthetic rubber products, also in the light-colored rubber products in which common sulfur is incorporated in high proportion.

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Keywords: #Production_of_Insoluble_Sulfur, #Stabilization_of_Insoluble_Sulfur, Stabilised Insoluble Sulphur Preparation, Preparation of Insoluble Sulfur, Making of Insoluble Sulphur, Stabilized Insoluble Sulphur, #Manufacture_of_Insoluble_Sulphur, Insoluble Sulphur, Process for Production of Insoluble Sulfur, Process For Producing Insoluble Sulfur, Production Process of Insoluble Sulphur, Insoluble Sulfur Manufacturing Process, Treatment of Insoluble Sulphur, #Insoluble_Sulfur_(Is), #Stabilize_Insoluble_S

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