



## The principle of rubber vulcanized

Raw rubber become soft after being heated, encounter cold hardening and crisp, not easy to mold, easy to wear and tear, soluble in organic solvent such as gasoline, intramolecular has a double bond, easy to happen addition reaction, easy to become aging. To improve the performance of the rubber products, we have a series of processing on raw rubber in production. Under certain conditions, to make the raw rubber and rubber vulcanizing agent produces chemical reaction, make the linear structure of the macromolecular crosslinking to become a three-dimensional reticular structure of large molecules, so that make the rubber material has Excellent properties of high strength, high elasticity, high wear resistance, corrosion resistance, etc..

This process is called rubber vulcanization. Generally the vulcanization process is divided into four stages, induction - preliminary sulfur - right sulfide - sulfur. To achieve this reaction, you must plus energy to curing temperature, and then let the rubber insulation in the vulcanizing temperature range finish the curing reaction completely.

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