

Rubber Processing and Profiting Compounding, Mixing, Vulcanization, Extrusion, Materials,

Description:

Rubber Processing and Profiting Compounding, Mixing, Vulcanization, Extrusion, Materials, Principles, Rubber Products, Natural Rubber Processing, Rubber Reclaiming

The production of rubber and rubber products is a large and diverse industry. The rubber product manufacturing industry is basically divided into two major sectors: tyre and non-tyre. The tyre sector produces all types of automotive and nonautomotive tyres whereas the non-tyre sector produces high technology and sophisticated products like conveyor belts , rubber seals etc. The wide range of rubber products manufactured by the rubber industry comprises all types of heavy duty earth moving tyres, auto tyres, tubes, automobile parts, footwear, beltings etc.

Rubber is a polymer which is majorly classified as natural rubber and synthetic rubber. Natural rubber only contains the monomers of isoprene whereas; the synthetic rubber may contain different types of monomers. Natural rubber is coagulated latex obtained from certain types of trees that are grown in the tropics. Whereas, synthetic rubber is obtained by mixing butadiene and styrene which are two by-products of petroleum refining. About 70% of rubber consumed belongs to the category of synthetic rubbers. Manufacturers of synthetic rubbers can adapt to different chemical formulations in order to meet specific requirements of end-use industries. Rubber is processed using several chemicals to manufacture useful products such as rubber mats and automobile tires. The rubber processing chemicals help in improving the resistance of rubber against effects of heat, oxidation, sunlight, ozone and mechanical stress. Rubber processing chemicals also improve the overall process of vulcanization. Rubber processing chemicals include a wide range of products such as antidegradants, accelerators and processing aids among others.

The global rubber processing chemicals market is expected to reach USD 6.11 billion by 2024, increasing demand for rubber products, both tire, and non-tire, exhibiting excellent durability, and superior performance under extreme weather conditions, is expected to augment rubber processing chemicals demand.

For more details download PDF file.

Keywords: Basic compounding and processing of rubber, Best small and cottage scale industries, Business guidance for rubber processing, Business guidance for rubber compounding, Business guidance to clients, Business Plan for a Startup Business, Business plan on Rubber, Business start-up, How is rubber made?, How to Start a Rubber business?, How to Start a Rubber Production Business, How to start a successful Rubber Processing business, How to Start Rubber processing Business, How to Start Rubber Processi

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