



SMR PLANTATION PVT.LTD.
AN ISO CERTIFIED COMPANY

Company

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Koovappally P.O ,Kanjirappally,Kottayam,Kerala-686 518,India
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Management

Mr. Sunny Jacob, The Managing Director of the Company has more than two decades of expertise in the field of sourcing and processing of natural rubber centrifuged latex. Under his able leadership and guidance the company is fast emerging as a major player in the field of natural rubber centrifuged latex.

Location

The Plant is situated at Koovappally,Kanjirappally, kottayam District, kerala state.Kanjirappally is one of the major areas where rubber plantation is the main agricultural activity. Kanjirappally is considered as the headquarters of Indian rubber plantation industry. Our plant is positioned centrally within the vast rubber plantation area and it enables us easy access to the field of latex.

The plant is situated in an eco-friendly area of about 30 acres. The most modern plant of the company was commissioned in the year 2003. The Centrifuged machines were procured from M/s. Alfa Laval, regarded as the best centrifuging machine manufacturers in the world and their machines are used worldwide. Now we have enough machinaria in operation and another lot is planned to be commissioned in the future.

While using these machines, the efficiency rate achievable in production process is very high on comparison with other machines in the field. Due to this efficiency advantage, we could offer our product with competitive rates to our customers.

Manufacturing Process

Collected field latex is unloaded from the barrels into the primary storage tank. Required chemicals are added into the collected field latex for separating the clay content of sludge from the latex in the mixing tank. Sludge is to be removed from the latex for facilitating the latex separator machine to work efficiently. Sludge free latex will be passed through the latex Separator machine having a bowl with 166 plates with an RPM of 7000. The latex will be passed through the rotating plates so as to separate the water content from the latex. The separated water will be driven into a storage tank where more chemicals will be added in the finished product tank and subsequently filled either in the barrels or flex bags for stuffing into container for disposal



Latex Type	Typical Properties							
	D.R.C %(Minimum)	T.S.C %(Max)	N.R.C %(Max)	NH3 %(Max)	V.F.A	M.S.T	Sludge %(Max)	Coagulam %(Max)
High Ammonia (HA)	60	61.5	1.5	0.6-0.8	0.03	1000 seconds	0.008	0.007
Low Ammonia (LATZ)	60	61.5	1.5	0.3	0.03	900 seconds	0.008	0.007
Double Centrifuged	60	60.6	0.6	0.3-0.8	0.02	900 seconds	0.008	0.007

Natural Rubber Centrifuged Latex 60% DRC (HA & LATZ) Double Centrifuged Latex

Packing

Barrels - 200Kgs net

Flexi Bags (only for export) 22000Kgs with 5% plus or minus tolerance.

End Use

Production of various types of Gloves, Condoms, Balloons, Adhesives, Foams, Carpet Backing etc.

Bye Product- Skim Crepe Rubber

End Use

Low Grade Rubber Products

Effluent Treatment Plant

In terms of an imperative need of the industry to keep an eco-friendly environment, we have commissioned Effluent Treatment Plant to meet the ISO Standard. The treated water is recycled for further use in cleaning and irrigation purpose.

ISO Certification

The Company got the ISO Certification in 2003.

Export

The Company entered the export segment in the year 2004. Within a short span of 3 years in the export field, the company made its radical presence felt all over the world. Our product is exported to USA, Germany, Netherlands, Turkey, Egypt, UK, Dubai, Spain etc. We plan to enter the Chinese market next year. 70% of the total production is ear marked for export purpose. St. Marys Rubbers latex is well accepted abroad over the years as we are committed to keep the quality of our products according to ISO Standards. We are planning to enter the new markets in other countries too.





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