

**SHREE SALASAR BALAJI MINERALS** is setup by a group of dynamic entrepreneurs with the mission to pursue excellence while maintaining high ethical standards, we focus on supplying high quality minerals and chemicals to the entire world.

The ultra modern facilities setup at Makrana ( India) has locational advantage of being endowed with abundant wealth of white minerals like calcite, Limestone, Sodastone, Talc, Barytes etc. in its vicinity.

We have deployed the latest machinery, equipment and a team of talented and motivated personnel to ensure that the product of international standards shall be passed to the customers.

**Quality**

Quality and service are not just corporate phrases but something which we feel every moment.

Well equipped laboratory with the most advanced quality control instrument assists Shree Salasar Balaji Minerals to produce minerals of high standard of quality with consistent quality checks which are carried out at each stage of the manufacturing process. R&D and Quality Control laboratory have some of the most well trained and experienced chemists, geologist and engineers to study the needs of customers by undertaking continuous product up-gradation to maintain consistency in quality.

**Calcite**

Calcite is a natural form of calcium carbonate widely used in plastics, paints and rubber as filler due to its high dispersability, low oil absorption, higher impact strength, smooth surface finish, easy processing and excellent dimensional stability.

SSB Carb is available in controlled particle size give better results to the end products.

**Effect on properties of polymers**

- Increase in flexural module
- Reduce Creeping
- Increase in HDT
- Lower melt viscosity
- Improved electrical properties
- Improved processing characteristics
- Increase in dimensional stability

**Surface Treated Calcite**

A filler cannot be used to the best of advantages in polymer unless there is a good adhesion between them. In particular, the filler particle/polymer interface will not be stress bearing and therefore provides a point of mechanical weakness.

**Advantages**

- Rapid and complete dispersion
- Very low abrasion at high loading
- Very low moisture content
- Good compatibility with polymers and other additives
- Increase production rate
- Increase flow rate
- Better HDT
- Better impact strength of polymer
- Compound as compared to uncoated material

Particle Size	SSB Carb 20G	SSB Carb 30G	SSB Carb 40G
Bulk Density	1Gm/ML.	1.2 Gm/ML.	1.4 Gm/ML.
Oil Absorption	22.0 ML / 100Gm	21.0 ML / 100Gm	18.5 ML / 100Gm
Dry Brightness	96% ± 2	95% ± 2	94% ± 2
Whiteness	97% ± 2	97% ± 2	95% ± 2
Moisture Content	<0.2%	<0.2%	<0.2%
pH of 10% Solution	9.2%	9.2%	9.2%
Top Cut (D-97)	12.0 µm ± 1	15.0 µm ± 2	20.0 µm ± 2
Mean Particle Size (D-50)	3.5 µm	4.5 µm	6 µm
CaCO	95 ± 2%	93 ± 2%	90 ± 2%
MgCO	4 ± 2%	6 ± 2%	8 ± 2%
SiO	2 ± 1%	2 ± 1%	2 ± 1%
Mix Oxides	1%	1%	1%
Loss on Ignition	43%	43%	43%



# Recommended Applicatons

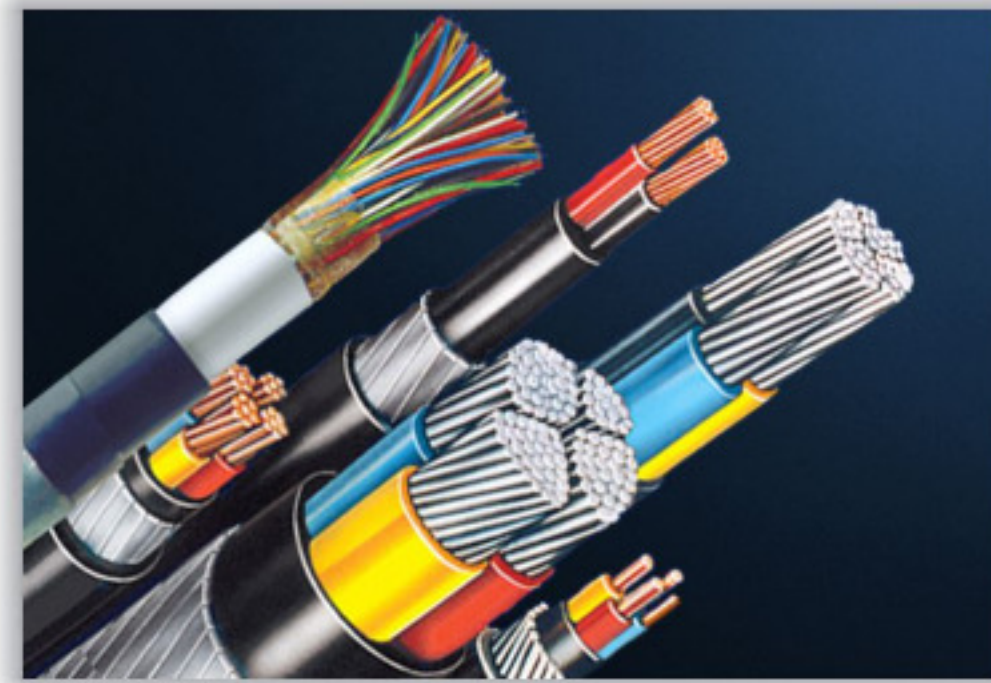
## Uncoated Calcite

- PP Compounding for Furniture, Automobiles and Home Appliances
- Antifabrilant Masterbatches for PP and HDPE woven Sack
- Colour Masterbatches and other additive masterbatches
- PVC Cable Compounding
- Paints
- Paper Coatings
- Thermoset plastic SMC, DMC, RTM, Pultrussion
- Vinyl Flooring
- PU foam (Flexible and Rigid)



## Surface Treated Calcite

- PP Compounding (Automotive, Furniture, Crates)
- Rigid PVC Pipes
- Antifabrilant additive Masterbatches for PP and HDPE woven Sack
- additive Masterbatches for paper like LLDPE Films
- PVC Cable and leather clothe
- Reinforced polyester glass fibre
- SMC, DMC, and pultrussion



**SHREE SALASAR BALAJI**  
**MINERALS**

*Manufacturer & Suppliers of  
Micronised Minerals*



*Quality and Service is our Motto*



**Works :** E-189 RIICI Industrial Area, Bidiyad, Parbatsar, Nagaur (Raj.)

**Mobile :** +91 70146 61889, 9828382089

**E-mail :** ssbmineral@gmail.com • **Website :** www.ssbminerals.com