



Chamak Paintchem Limited

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ULTRAMARINE BLUE

Ultramarine Blue is synthetic inorganic. It is a blue pigment of sodium aluminosilicate containing sulphur. It is prepared by heating kaolin, sodium carbonate, sulphur and other inexpensive ingredients together. It is heat and alkali resistant. It is used for optical whiteness in plastics, rubber, inks, paints, cosmetics, detergents, cement, textile and paper.

being a consumer product, Ultramarine Blue is used for brightening the white cotton cloth after washing and to provide blue color and brightness to plastics and rubber used in the industries. It acts as a brightening agent in white washing and is the only ultramarine blue pigment that does not fade under sunlight or heat UPTO 350 DEGREES. It also has various other usage.



- As blue colorant in master batches and plastic resins.
- As an optical whitener on fabric, paper, plastics, rubber and paints.
- As blue colorant in printing inks.
- Soaps & Detergents, Toiletries & Cosmetics Industry
- Finer qualities are used in painting and engraving
- Ultramarine Blue is 50% used for laundry, 40% for the white washes on exterior surface and 10% for the Industrial use.

DOMASTIC USE

We offer the best quality Ultramarine Blue Powder which is made of optimum quality raw materials which is procured from the best indigo farms from all over India.

>> Laundry and After clothes wash



Our product is highly useful for laundry and dyeing purposes. It colors in an even way without leaving any blotch marks on the clothes or fabrics.

For availing sprinkling whiteness clothes. use ultramarine blue after wash.

This is extremely skin friendly and is very smooth on the clothes as it not only colours of dyes but also preserves the quality of the clothes. Extremely easy to use these are the first choice for our customers.

INDUSRIAL USES

The ultramarine blue is an excellent white corrector that neutralized yellowish shades. Moreover, when using Ultramarine blue for this application, metamerism (change of colour in function of the illuminant) does not occur. This whitening effect is appreciated in many fields of application e.g. masterbatch, detergency, plastics, paints and more.

>> Master Batch



The non-shrinking, non-warping nature of ultramarine blue, along with its exceptional heat and light stability has led to the development of a range of high quality ultramarine blue pigments specifically for masterbatch applications. This pigment is widely used in applications that require improved appearance as regards brightness, transparency, surface smoothness. This color masterbatch also provides improved mechanical properties preferred for manufacturing of thin films, pressure pipes, fibres, bottles, etc.

>> Inks



Ultramarine Blue are suitable for use in inks due to their inorganic pigment nature. They show good wettability in water systems and good resistance to organic solvents. Moreover, properties such as good light resistance and low oil absorption allow Ultramarine Blue to be used in different types of inks e.g. flexographics.

>> Paints



Ultramarine Blue is used in a variety of paints for Oil Paints, Water and Acrylic Paints, water-based Emulsion Paints etc. It provides a bluish undertone, while providing uniformity in the composition. Ultramarine Blue pigment it displays high fastness to alkalis, air, light, water, detergents and organic solvents.

>> Plastic & Rubber



Ultramarine pigment is used to provide a reddish blue shade or to whiten polymers. It also works to provide a blue undertone to grey and black plastic parts. They are polymers, from polyolefins to engineering polymers, including rubber as well. The fine particles of the Ultramarine blue maintains dimensional stability of polyolefins and other polymers, so that warping and shrinking do not take place.

>> Paper



Ultramarine Blue is used in paper industry for whitening of cellulose pulp and the coloration of the outside coating on coloured and stucco papers. Some manufacturers used a blend of Ultramarine Blue and an optical whitener to achieve affect optical whitening especially under a light which is rich in ultraviolet rays. Both products are very compatible and do not present any problem.