

Technical Data Sheet

Characteristics

Blanc Fixe L is a synthetic barium sulfate produced from highly purified solutions in a defined particle size. Thanks to its chemical production process, Blanc Fixe L improves many remarkable properties including weathering resistance, aging resistance, chemical resistance, brilliance in coloured systems, mechanical strength, etc.

Blanc Fixe L is one of the most used conventional functional filler and inorganic additive worldwide.

Applications

Blanc Fixe L is used in many industries for its superior properties.

Coatings : Can coating, coil coating, wood coating, anti-corrosive/marine coating, powder coating, automotive coating, etc.

Plastic and rubber : PVC, PP, PE, PMMA, PUR, ABS, PET, etc. Blanc Fixe L ensures better results than CaCO_3 in terms of mechanical strength, resistance to weathering, aging and chemicals, with noise and vibration suppression in applications.

Blanc Fixe L can also find usage areas in **paper production** (as filler), **vehicle brake pads** (high resistance to heat), **batteries** (improves the efficiency of cathod process, etc.) and **concrete** (as radiation shield against X rays in hospitals, nuclear reactors, etc.).

Typical Properties

| | | |
|---------------------------------|---------|---------|
| BaSO ₄ content (%) | approx. | 99.0 |
| Colorimetric index L* (%) | approx. | 99.0 |
| Median value D50 (µm) | approx. | 1.0 |
| pH value | | 6.5-9.0 |
| Oil Absorption (g/100g) | | 15-19 |
| Volatiles (@105°C, %) | max. | 0.2 |
| Sieve residue on 325 mesh (%) | max. | 0.01 |
| Electrical conductivity (µS/cm) | max. | 150 |

Packaging

25 kgs multi layer paper - PE bag.

Storage

Store in cool, dry and well-ventilated areas. For more details, please refer to the material safety data sheet.

Warning : The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, particularly as regards of infringement or prejudice to third parties through the use of our products.

We guarantee that our products comply with its sales specifications.

DISTRIBUTED BY: R.E. CARROLL, INC. 1570 NORTH OLDEN AVE. TRENTON, N.J. 08638 USA
T: 609-695-6211/800-257-9365 F: 609-695-0102 orders@recarroll.com

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