

BLANC FINE™ BSP series precipitated barium sulfate**BSP - F**

BLANC FINE™ BSP is a chemically synthesized barium sulfate product (BLANC FIXE) refined through special manufacturing processes with highly pure barium salt and sodium sulfate as its raw materials. Its grain sizes are under strict control in the course of reactions and synthesis and content of impurities is minimized. It features low specific weight, gentle and stable nature, narrow distribution of grain sizes, extremely good light fastness, weathering resistance and other outstanding chemical properties.

BLANC FINE™ BSP is approved for the product subject to contacting food due to its nontoxic property. **BLANC FINE™** BSP conforms to the Europe's purity requirement and U.S' codes of food and drug administration. LD5 (Mouse, oral administration) >15,000mg/kg; dust limit=6mg/m³.

After a series of chemical treatment reactions, **BLANC FINE™** BSP has real pure barium sulfate content as high as 98%. It is insoluble in acid and water and shields ultraviolet radiation and other hazardous rays from penetration. Therefore it is widely applied in the products having strict requirement for high weathering resistance without causing discoloring or chapping.

The brightness over 94 and near spherical crystal shape of **BLANC FINE™** BSP make it easier to well distribute in each corner in formula, thereby achieving a dense, exquisite, tough and smooth product appearance of uniform color. In Mohs hardness 3, **BLANC FINE™** BSP carefully protects your machines and equipments from the increase in load and heavy wear due to the filling of a large amount.

BLANC FINE™ BSP is free from impurities hazardous to elastomer. Hence **BLANC FINE™** BSP is particularly suitable to the filler for elastomer. Its other advantages include outstanding rheological property, low abrasiveness and high chemical purity.

项 目	BLANC FINE™ BSP - F
Main contents (DIN.EN.ISO.3262, PT.2)	>98.00%
Mean grain size D ₉₇ (SC. method)	5.00um
Oil absorption (DIN.EN.ISO.787, Pt.10)	17g/100g
Dry brightness (ISO.7724)	>95
PH value (DIN.EN.ISO.787, Pt.9)	7-9
Volatility at 105°C (DIN.EN.ISO.787, Pt.2)	<0.15

