



## Sino-American Pigment Systems, Inc.

QUALITY RAW MATERIALS ■ ENVIRONMENTAL TECHNOLOGY

### BLANC FIXE – ULTRA FINE GRADE - PRODUCT DESCRIPTION

**Description:** SINO AMERICAN BLANC FIXE is an Ultra Fine, Precipitated Barium Sulfate. It offers good resistance to UV light, acids and alkalis. Special features include: low oil absorption, excellent dispersibility, increased whiteness and high degree of brightness.  
Two particle sizes are available: 0.4  $\mu\text{m}$  and 0.7  $\mu\text{m}$  diameter.

**Applications:** BLANC FIXE can be used as a high quality extender in all coating systems where the primary requirements of the extender are high filling capacity and fineness. Because of its favorable particle size distribution, it has a low binder requirement and permits extremely high levels of extender in a system, with good working and flow characteristics. It is suitable for paint, high gloss coatings, powder coatings, plastic (especially high gloss industrial plastic), ink and rubber application.

**Packaging:** 25 KG paper bag. Palletized, shrink-wrapped and secured for high-sea shipment. Customized bag size available per request.

### TYPICAL SPECIFICATIONS

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Product Code		198- A	198 - AT	198- B	198 - BT
BaSO <sub>4</sub> Content	% Minimum	99	99	99	99
Whiteness	% Minimum	96	95	96	95
Fineness (45 $\mu\text{m}$ residue)	% Maximum	0.01	0.01	0.01	0.01
Fe Content	% Maximum	0.006	0.006	0.006	0.006
Oil Absorption (g/100g)	Nominal	10 – 15	10 - 15	10 - 15	10 - 15
Water Soluble Matter	% Maximum	0.20	0.30	0.20	0.30
Volatile Matter at 105°C	% Maximum	0.30	0.30	0.30	0.30
Particle Diameter in $\mu\text{m}$	Median	0.4 $\pm$ 0.05	0.4 $\pm$ 0.05	0.6 $\pm$ 0.1	0.6 $\pm$ 0.1
pH Value	Nominal	6.5 – 7.5	8.0 – 9.0	6.5 – 7.5	8.0 – 9.0
Pb content (ppm)	Maximum	2	2	2	2
Cd content (ppm)	Maximum	2	2	2	2
Cr content (ppm)	Maximum	2	2	2	2
Hg content (ppm)	Maximum	2	2	2	2
Surface Treatment	Define	None	Yes	None	Yes