

BLANC FIXE™ XR

HUNTSMAN

Enriching lives through innovation

The BLANC FIXE™ XR synthetic barium sulfate is used in medicine as a contrast agent and in addition to its numerous other uses, facilitates X-ray examination of the gastrointestinal tract. As an X-ray barytes powder product, it plays an equally significant role in the preparation of highly filled contrast-agent suspensions. These products are available from Huntsman in a wide range of particle sizes, from 0.6µm up to 10µm, making it possible to adjust the viscosity of contrast agent suspensions to match the specified profile precisely. In addition, this variability permits the use of these Huntsman products for double-contrast examinations, for example. The BLANC FIXE™ XR synthetic barium sulfates product range's microbiological purity and chemical specifications conform to all requirements of both German and international pharmacopoeia.

BLANC FIXE™ XR-HX and -HN

- The basis for contrast agents for X-ray examination of the gastrointestinal tract
- Can be used in X-ray-opaque materials for medical purposes, and as a contrast-agent additive in bone cement
- BLANC FIXE™ XR-HX is a particularly fine barium sulfate with an average particle-size of approx. 0.7µm
- BLANC FIXE™ XR-HN, the standard product, has an average particle-size of approx. 1µm

BLANC FIXE™ XR-HR6, HR8 and HR10

- HR products are high-purity precipitated coarse barium sulfates
- These products are particularly suitable for the preparation of highly-filled low-viscosity contrast-agent suspensions for use in double-contrast procedures
- BLANC FIXE™ XR-HR grades can be used equally well in combination with each other and/or with Huntsman's fine-particled HX and HN barium sulfate grades
- Average particle size d50 (sed.) HR6 approx. 6µm | HR8 approx. 8µm | HR10 approx. 10µm

TYPICAL PROPERTIES

BaSO ₄ content	Ca.99%
Brightness L* (powder)	Ca.99
Particle size d50 (sedigraph)	Ca. 1µm
45 µm sieve residue	≤0.01%
pH	Ca. 9
Electrical conductivity	<200µS/cm
Specific gravity	Ca. 4.4g/cm ³
Loss at 105°C	<0.2%
C.A.S No.	7727-43-7

This data sheet includes the typical properties of this pigment. It is not a specification, although specifications are available.

BLANC FIXE™ XR

HUNTSMAN

Enriching lives through innovation

SAFETY, HEALTH AND ENVIRONMENT

As for all fine powders, the handling of synthetic barium sulfate can give rise to airborne dust. Good industrial hygiene practice should be observed so as to avoid the generation and subsequent inhalation of dust. For more information refer to our material safety data sheet.

STORAGE

Keep the product unstacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the conditions stated above and use within 36 months from delivery.

CONTACT DETAILS

For more information, please send an email to p&a_info@huntsmman.com.

Huntsman Pigments and Additives
Titanium House, Hanzard Drive
Wynyrd Park, Stockton-On-Tees
TS22 5FD, UK

Tel: +44 (0)1740 608 001