

# Albawhite 110

## Product Information

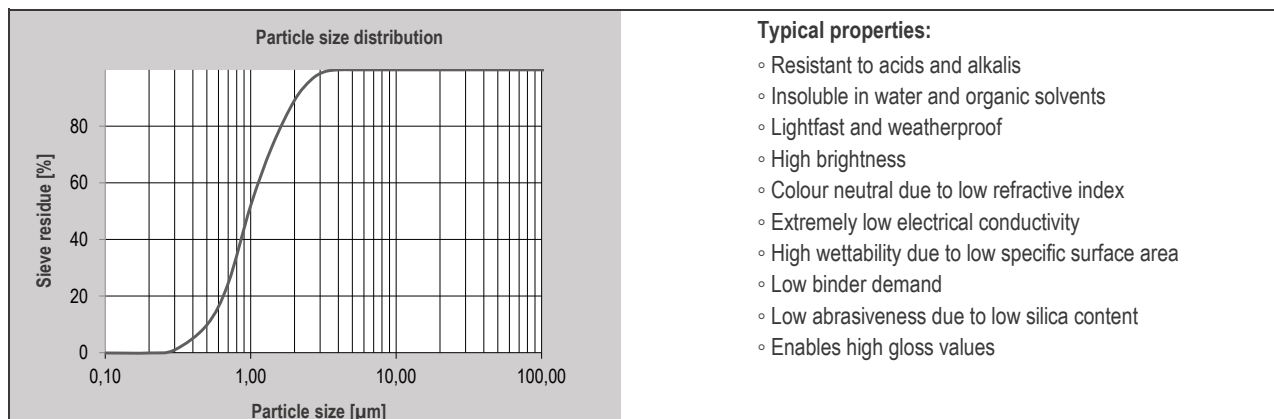


Deutsche Baryt-Industrie

**Albawhite 110** is manufactured by Deutsche Baryt-Industrie in Bad Lauterberg - in Germany's mountainous Harz region - from selected natural barium sulphate concentrates. This product provides a high brightness, enhances hiding power and gloss and can be used for partial replacement of expensive pigments as well.

| Technical data                                   | Method            | Values Albawhite 110 |
|--|-------------------|----------------------|
| Medium particle size / x50 [ $\mu\text{m}$ ]     | Cilas 920         | approx. 1.0          |
| Top-cut / x97 [ $\mu\text{m}$ ]                  | Cilas 920         | approx. 3.0          |
| Sieve residue at 20 $\mu\text{m}$ [%]            | DIN EN ISO 787-7  | < 0.05               |
| Humidity at 105°C [%]                            | DIN EN ISO 3146   | < 0.3                |
| BaSO <sub>4</sub> -content [%]                   | DIN EN ISO 3262-2 | approx. 98           |
| Si-content [%]                                   | DBI-Method        | approx. 0.3          |
| Electr. conductivity [ $\mu\text{S}/\text{cm}$ ] | DIN EN ISO 787-14 | approx. 100          |
| Lightness Ry / L*                                | DIN 53163         | approx. 90 / 96      |
| pH-Value   | DIN EN ISO 787-9  | approx. 8            |
| Density [ $\text{g}/\text{cm}^3$ ]               | DIN EN ISO 787-10 | approx. 4.4          |
| Refractive index                                 | Literature        | 1.64                 |
| Hardness [Mohs]                                  | Literature        | 3.5                  |

The above mentioned values should be taken as indications only and not as guaranteed properties.



### Typical properties:

- Resistant to acids and alkalis
- Insoluble in water and organic solvents
- Lightfast and weatherproof
- High brightness
- Colour neutral due to low refractive index
- Extremely low electrical conductivity
- High wettability due to low specific surface area
- Low binder demand
- Low abrasiveness due to low silica content
- Enables high gloss values

### Typical applications:

High quality Top Coats, high end Powder Coating Systems, Pigment Preparations & Plastics.

### Storage:

Keep the product in dry and closed rooms at normal temperature and air humidity, do not pile the pallets.

To achieve best possible results, we recommend storage under the conditions stated above and usage within 12 months after receipt (FIFO).

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### Producer:

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