

Albasoft 110

Product Information

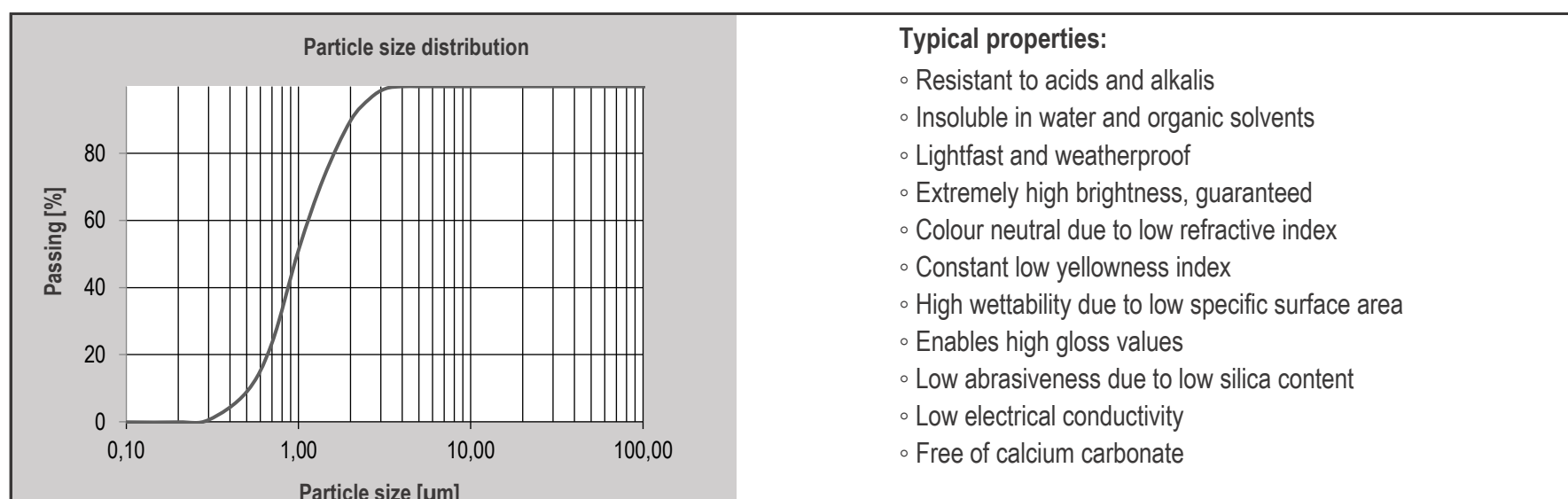


Deutsche Baryt-Industrie

Albasoft 110 is manufactured by Deutsche Baryt-Industrie in Bad Lauterberg - in Germany's mountainous Harz region - from selected natural barium sulphate concentrates. By using a special preparation and refining process, this product can replace synthetic barium sulphates even in bright and high gloss applications.

Technical data	Method/source/measuring device	Values Albasoft 110
Medium particle size / x50 [μm]	Cilas 920	approx. 1.0
Top-cut / x97 [μm]	Cilas 920	approx. 3.0
Sieve residue at 20 μm [%]	DIN EN ISO 787-7	< 0.05
Humidity at 105°C [%]	DIN EN ISO 787-2	< 0.3
BaSO ₄ -content [%]	DIN EN ISO 3262-2	approx. 98
Si-content [%]	SB-Method XRF	approx. 0.3
Electr. conductivity [$\mu\text{S}/\text{cm}$]	DIN EN ISO 787-14	< 100
Lightness Ry / L*	DIN 53163	approx. 93 / 97
pH-Value	DIN EN ISO 787-9	approx. 7-8
Density [g/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 determined on the basis of the above standards and are not to be regarded as guaranteed properties.



Typical properties:

- Resistant to acids and alkalis
- Insoluble in water and organic solvents
- Lightfast and weatherproof
- Extremely high brightness, guaranteed
- Colour neutral due to low refractive index
- Constant low yellowness index
- High wettability due to low specific surface area
- Enables high gloss values
- Low abrasiveness due to low silica content
- Low electrical conductivity
- Free of calcium carbonate

Typical applications:

Extra high quality Top Coats, High quality Powder Coating Systems & Pigment Preparations, Adhesives & Sealants.

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 24 months after receipt (FIFO).

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Producer:

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Ein Unternehmen der

SACHTLEBEN MINERALS