

Product Information

LITHOPONE 30% L

The product

LITHOPONE 30% L is a white pigment based on a coprecipitated zinc sulfide / barium sulfate.

Typical properties

- ▶ Low binder requirement
- ▶ Good dispersibility
- ▶ Neutral hue
- ▶ Low abrasiveness thanks to low Mohs hardness

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 12 months from delivery.

Technical data

▶ ZnS [%]	C201-006	approx. 30
▶ BaSO ₄ [%]	DIN EN ISO 3262, Part 3	approx. 70
▶ Colorimetric index L* (powder)	A 400-14	approx. 98
▶ Sieve residue ¹⁾ m.p. > 45 µm [%]	SC 208	< 0.02
▶ pH	SC 201	approx. 7
▶ Rel. lightening power ²⁾ (blue paste)	A 400-12	approx. 120
▶ Hardness (Mohs)		3
▶ Density [g/ml]	DIN EN ISO 787, Part 10	approx. 4.3

1) Mesh gauge 45 µm 2) Reference pigment LITHOPONE = 100 (blue paste)

Applications

▶ Paints and coatings

Suitable for use in putties and in jointing and sealing compounds.

▶ Paper

Achieves a high dry opacity when added to the pulp.

Good retention performance permits use as a pigment in sizes. Bimodal particle size distribution improves the paper's porosity.

▶ Plastics and rubber

For pigmentation of natural and synthetic elastomers.

Beneficial effects on the resistance of rubber products to light and ageing, enhancement of rheological performance of rubber blends. Abrasion and wear on punching and cutting tools, calenders and extruders are extremely low.