

FAMOUS SPECIALITY CHEMICALS

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Technical Data Sheet

Product Name: Barium Sulphate

Model No.: HY-PBS

Type: Precipitated Barium Sulphate

Grade: Powder Coating Grade

Product Features:

Superfine. (Particle size distribution is narrow and even.)

Clean (less impurity)

High whiteness

Excellent dispersibility

Not easy to agglomerate

Good leveling

Strong refraction

Technical Specification:

Barium sulphate content (BaSo4 dry)%	98.5min
Whiteness% \geq	98.5min
Ferrum content (Fe) %	0.001
Water soluble content % \leq	0.15
PH Value	7-9
Oil absorption g/100g	15-20
Mean Particle Size (D50) (μ m)	0.88-1.30
Residue (45 μ m) %	0.01
Particle size less than 10 μ m %	99
Particle size less than 5 μ m %	95
Particle size less than 2 μ m %	70

Application:

As a weighting agent for drilling fluids in oil and gas exploration.

Used in car, electronics, TV screen, rubber, and glass ceramics and paint industry (special powder coating).

As surface smear for photographic paper and calendered paper, as sizing agent for textile industry.

As clarifying agent for glass products. Radiation shielding and medical applications, also used for ceramics, enamel, perfumes and pigments.