

High SSA Calcium Hydroxide Product Data Sheet

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High Specific Surface Area • Stable Pore Structure • High Reactivity

Quality Standards & Assurance

The typical indicators in this sheet are based on SGS testing of a high-reactivity calcium hydroxide sample. The results show that the product has a high BET specific surface area, stable pore volume and good chemical composition, providing data support for environmental treatment, adsorption/neutralization reactions and advanced calcium-based material applications. Products may be submitted to SGS and other professional third-party testing institutions. Specific indicators are subject to the test report or quality certificate of each batch.

Packaging & Notes

Standard packaging is jumbo bags, with an outer woven bag and inner plastic film. Packaging specifications and delivery methods can be confirmed according to order requirements. The data shown in this sheet are typical values for customer selection and technical reference only and are not guaranteed specifications. Final technical indicators, quality determination and delivery standards are subject to the contract terms and the test report/quality certificate of each batch.

Product Specifications & Form		
Item	Typical Information	Notes
Product Name	High SSA Calcium Hydroxide	Chinese name: 高比表氢氧化钙
Appearance	White powder	Sample state: powder
Customization Range	Specific surface area, pore structure and key parameters	Adjustable according to application needs

Typical Tested Indicators			
Indicator	Test Standard	Standard Requirement	Typical Result
BET Specific Surface Area	GB/T 19587-2017	$\geq 40\text{ m}^2/\text{g}$ (Customizable to $\geq 55\text{ m}^2/\text{g}$)	58 m^2/g
Total Pore Volume	GB/T 19587-2017	$\geq 0.20\text{ cm}^3/\text{g}$	0.21 cm^3/g
Loss on Drying	HG/T 4120-2024	$\leq 0.50\%$	0.32%
Calcium Hydroxide Content	HG/T 4120-2024	$\geq 90.0\%$	93%
Bulk Density	GB/T 23771-2009	0.30–0.60 g/mL	0.361 g/mL



Note: Results are based on the SGS test report for a high-reactivity calcium hydroxide sample; specific surface area, pore structure and other key parameters can be adjusted according to specific application needs.GB/T and HG/T refer to relevant Chinese testing standards.

Certified Management Systems

ISO 9001

Quality Management System Certification

ISO 14001

Environmental Management System Certification

ISO 45001

Occupational Health & Safety Management System Certification

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