

HIFULL COLLOIDAL SILICON DIOXIDE HB-151

PHARMA GRADE

PHARMA EXCIPIENT - COLLOIDAL SILICON DIOXIDE

HB-151 is a hydrophobic colloidal silicon dioxide manufactured by treating hydrophilic product with dimethyldichlorosilane / DDS. It is white and fluffy in appearance and has excellent water-repellent property. It is used in the pharmaceutical industry.

01 Applications

- Tablet
- Softgel Capsules
- Ointment
- Gel & semisolid preparations
- Suppository
- Aspirin powder

02 Properties

- Water-repellent agent
- Carrier adsorbent
- Excipient
- Stabilizer
- Anti-caking agent

03 Physical & Chemical Data

Properties	Unit	Typical Value	Testing Standard
Specific Surface Area (BET)	m ² /g	130±30	GB/T 20020
Loss on ignition	%	≤4.0	Chinese Pharmacopoeia 2025 Edition
Silica content (Based on ignited material)	%	≥98.00	Chinese Pharmacopoeia 2025 Edition
Chloride	ppm	≤250	Chinese Pharmacopoeia 2025 Edition
Lead Content	ppm	≤25	American Pharmacopoeia

※ customized products available for special physical or chemical data