

HL-200 Technical Data Sheet

HL-200 is hydrophilic fumed silica with a specific surface area around 200m² /g, mainly applied in coatings & paintings, film & UPR, HTV&RTV silicon rubber, adhesives and sealants, printing ink.

Properties

Reinforcing filler in elastomers

Rheology control and thixotropic agent

Anti-settling, anti-sagging and thickening agent

Free flow aid and anti-caking aid for powders

Physical & Chemical Data

Properties	Unit	Typical Value	Testing Method
Specific Surface Area (BET)	m ² /g	200±20	GB/T 20020
pH value in 4% dispersion	-	3.9~4.5	GB/T 20020
Loss on drying(2 hours at 105°C)	%	≤2.0	GB/T 20020
Loss on ignition(2 hours at 1000°C based on material dried for 2 hours at 105°C)	%	≤2.0	GB/T 20020
Sieve Residue(45µm)	mg/kg	≤250	GB/T 20020
Silica Content(Based on ignited material)	%	≥99.8	GB/T 20020
Tamped Density(Based on material dried at 105°C for 2 hours)	g/dm ³	40~60	GB/T 20020