

## Confidential

# HL-90 Fumed Silica

## Characteristics

HL-90 is a hydrophilic fumed silica with a specific surface area of 90 m<sup>2</sup>/g. It's a kind of high purity white colloidal powder.

## Applications

- RTV and RTV Silicone rubber
- Adhesives and Sealants
- Prints and Coatings

## Properties

- Reinforcement filler in elastomers
- Rheology and thixotropy control of liquid systems, binders, polymers, etc.
- Used as anti-settling, thickening, anti-sagging agent
- Improvement of free flow and anti-caking characteristics of powders

## Technical Data

Properties	Unit	Typical Value	Standardization
Specific surface area(BET)	m <sup>2</sup> /g	90±25	GB/T 20020-2005
pH-value in 4% dispersion		4.0 ~ 4.4	ISO787-9

Particle size: 22nm(nano meter)  
Water content : <1.0 %  
Density : 50g/L  
Cl : <150ppm  
Fe : <20ppm  
Al : <20ppm

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