

## CAB-O-SPERSE® 1020K

CAB-O-SPERSE® 1020K is an aqueous dispersion of CAB-O-SIL® L-90, a very low surface area, fumed silica. It is electrostatically stabilized with Potassium Hydroxide and has an alkaline pH.

CAB-O-SPERSE aqueous dispersion are characterized by:

- Low viscosity
- High solids loading
- Median particle diameter less than 0.2 microns

### Application Information:

CAB-O-SPERSE 1020K provides the many performance benefits of fumed silica in an easy to handle, dust free form.

FUNCTIONS	APPLICATIONS
Rheology Control	Gel Cell Batteries, Paints, Coatings
Anti-blocking	Polymers, Polymer Additives
Anti-slip	Paper
Adhesion Promotion	Metal Pre-treatment
Surface Treatment	Polishing of metals and optical glass

### CAB-O-SPERSE Product Range

CAB-O-SPERSE Product	Dispersion of CAB-O-SIL	Solids <sup>1</sup> , %	Stabilized with	pH
1015A	L-90	15	Ammonia	Acidic
1020K	L-90	20	Potassium Hydroxide	Alkaline
1030K	L-90	30	Potassium Hydroxide	Alkaline
2012A	M-5	12	Ammonia	Acidic
2017A	M-5	17	Ammonia	Alkaline
2020K	M-5	20	Potassium Hydroxide	Alkaline
4012K	EH-5	12	Potassium Hydroxide	Alkaline

<sup>1</sup>Typical value not a product sales specification.





### Packaging, Storage and Handling: Product Sales Specifications:

CAB-O-SPERSE 1020K is available in 5 gallon pails, 55 gallon plastic drums and 1000 liter returnable bulk containers (totes). CAB-O-SPERSE dispersions must be protected from freezing during shipping and storage. Freezing can cause irreversible coagulation of particles leading to deterioration in performance. This dispersion is colloidally stable for a period of one year. A small amount of sedimentation is normal and dispersions do not need to be shaken or stirred prior to use. Evaporation should be prevented by keeping containers closed when not in use.

Sales specifications for this product may be obtained by contacting a sales or technical service manager at the Cabot Corporation office in your region.

### Material Safety Data Sheet:

A Material Safety Data Sheet for this product may be obtained by contacting the Cabot Corporation office in your region or can be downloaded from our website:

[www.cabot-corp.com](http://www.cabot-corp.com)

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