

# Betol<sup>®</sup> KS 307

## Aqueous Dispersion of Colloidal Silica

### Chemical description

Betol KS 307 is a stable homogeneous colloidal dispersion of amorphous silica in water. It is an opalescent to slightly turbid liquid with low viscosity susceptible to frost.

### Mode of action

Other than silica gel, precipitated silica or common waterglass Betol KS 307 is an easily applicable colloidal silica dispersion that will form after application a solid water insoluble amorphous silica gel.

### Specification (average values)

Dry content:	approx. 30,0 %	007 *)
Density (20°C):	approx. 1,20 g/cm <sup>3</sup>	042 *)
pH (conc.):	approx. 10,0	008 *)
Viscosity (20°C):	< 10 mPas	053 *)
Solubility:	miscible with water in any ratio	

\*) Internal method code – description available on request

### Application

- Binder for ceramics,
- Sealing and solidifying agent in the construction area,
- Liquefier for gypsum slurries,
- Antislip finish for textile and paper / board products,
- Flocculation agent,
- Foundry and steel production,
- Production of catalysts and processed chemicals,
- Surface cleaning and preserving products,
- Paints, varnishes and plastics,
- Refractories and acid proof materials.

### Storage

Betol KS 307 must be protected from frost, storage stability in closed original containers at least 12 months.

### Labelling / Safety

Not classified as dangerous according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).

### Packaging

Drum  
Container

10/2015

