

## 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/cm³042 *)pH (conc.):approx. 10,0008 *)Viscosity (20°C):< 10 mPas053 *)Solubility:miscible with water in any ratio*) Internal method code – description available on request
Application	<ul> <li>Binder for ceramics,</li> <li>Sealing and solidifying agent in the construction area,</li> <li>Liquefier for gypsum slurries,</li> <li>Antislip finish for textile and paper / board products,</li> <li>Flocculation agent,</li> <li>Foundry and steel production,</li> <li>Production of catalysts and processed chemicals,</li> <li>Surface cleaning and preserving products,</li> <li>Paints, varnishes and plastics,</li> <li>Refractories and acid proof materials.</li> </ul>
Storage	Betol KS 307 must be protected form 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	

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