

# HDK<sup>®</sup> D1515B



## Pyrogenic Silica

Aqueous dispersion of synthetic, hydrophilic amorphous silica, produced via flame hydrolysis.

## Properties

Colloidal aqueous dispersion of high purity, free of inorganic salts, contains biocide to prevent microbiological contamination.

## Technical data

### Specification

Property	Condition	Value	Method
BET surface <sup>(1)</sup>	-	130 - 170 m <sup>2</sup> /g	DIN ISO 9277 DIN 66132
pH <sup>(2)</sup>	-	4.0 - 7.0	-
Sieve residue <sup>(3)</sup>	-	< 0.04 %	DIN EN ISO 787-18

<sup>1</sup>area of Pyrogenic Silica

<sup>2</sup>150 g/l H<sub>2</sub>O

<sup>3</sup>acc. to Mocker > 40 µm

## General Characteristics

Property	Condition	Value	Method
Appearance	-	milky, white	-
Biocide content	-	< 15 ppm	-
Density	20 °C	1.05 g/cm <sup>3</sup>	DIN 51757
SiO <sub>2</sub> content	-	15.0 %	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Application details

HDK® D1515B is applied in waterbased paints, polishes, adhesives, construction chemicals and others.

HDK® D1515B improves printing quality of inkjet papers.

HDK® D1515B is used as an additive in detergents.

A good dispersion of HDK® D1515B is a must to assure optimum performance. More detailed information about the application and processing of HDK® D1515B is available in our HDK-brochures and on the WACKER web site .

## Packaging and storage

### Packaging

HDK® D1515B is offered in following packaging:

- drums: 225 kg
- silotruck: approx. 20 tons

### Storage

The 'Best use before end' date of each batch is shown on the shipping label and the certificate of analysis.

HDK® D1515B should be stored in the original packaging in dry storage areas.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets.

They are available on request from WACKER subsidiaries or may be printed via the WACKER web site

Like other amorphous silicas HDK® D1515B does not show either carcinogenic (IARC classification, Volume 68, 1997) or mutagenic properties.

## QR Code HDK® D1515B



**For technical, quality or product safety questions, please contact:**

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