



# HDK® H15 PYROGENIC SILICA

### **Product description**

Synthetic, hydrophobic, amorphous silica, produced via flame hydrolysis.

## **Special features**

White colloidal powder of high purity.

## **Application**

HDK® H15 is applied as a thickening and thixotropic agent in coatings, printing inks, adhesives, cosmetics and others. It is used as a reinforcing filler in elastomers, mainly silicone-elastomers. HDK® H15 acts as a free flow additive in the production of technical powders.

#### **Processing**

A good dispersion of HDK® H15 is a must to assure optimum performance.

More detailed information about the application and processing of HDK® H15 is available in our HDK-brochures and on the WACKER web site (http://www.wacker.com/hdk).

# Storage

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

HDK® H15 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.

# **Packaging**

HDK® H15 is offered in following packaging:

- paper bags on pallet:10 kg bags
- Big bags: 170 kg (big bag on pallet)

Details about packaging and handling: (http://www.wacker.com/hdk).

# 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 (http://www.wacker.com/hdk).

During transportation and processing HDK® H15 may cause electrostatic charges.

Like other amorphous silicas HDK® H15 does not show either carcinogenic (IARC classification, Volume 68, 1997) or mutagenic properties.





Inspection Method	Value
DIN EN ISO 3262-19	> 99,8 %
DIN 51757	approx. 2,2 g/cm <sup>3</sup>
	50 %
DIN ISO 9277/ DIN	approx. 120 m²/g
66132	
	Silica Dimethyl Silylate
DIN ISO 9277/ DIN	130 - 170 m²/g
66132	3
DIN ISO 3262-20	approx. 1,0 %
DIN EN ISO 787-9	3,8 - 4,8
DIN EN ISO 787-11	approx. 40 g/l
DIN EN ISO 787-2	< 0,6 %
DIN EN ISO 787-18	< 0,05 %
Dimethylsiloxy	
	DIN EN ISO 3262-19 DIN 51757  DIN ISO 9277/ DIN 66132  DIN ISO 9277/ DIN 66132  DIN ISO 3262-20 DIN EN ISO 787-9 DIN EN ISO 787-11 DIN EN ISO 787-2 DIN EN ISO 787-18

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

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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

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