

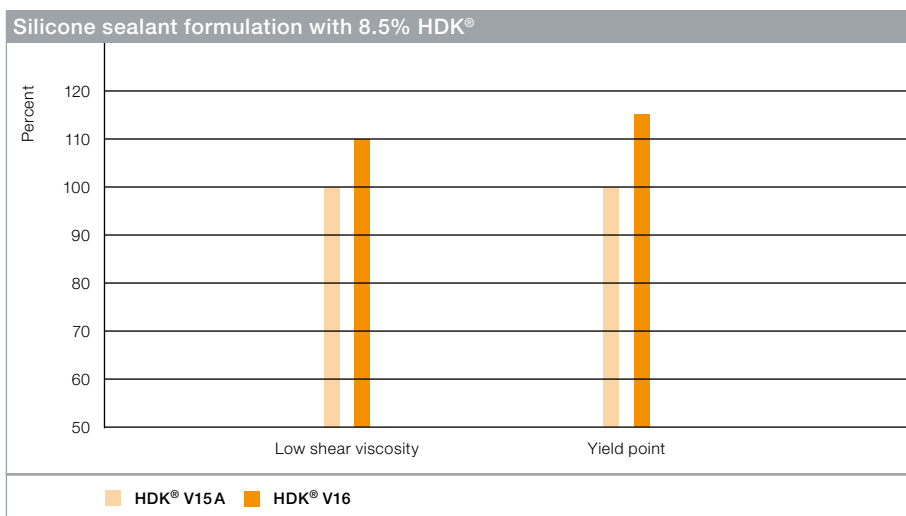


ENHANCEMENT. WITH HDK®.

At WACKER, we continuously improve the quality of our products based on customers' needs. With the hydrophilic HDK® V16, we have added a new solution to our much-valued range of HDK® sealant additives. The main benefit of using HDK® V16 is a higher thickening effect in sealants. Furthermore, shorter incorporation times can be realized, depending on formulation and equipment. At the same time, HDK® V16 comes with the same physicochemical properties as the widely used HDK® V15A.

PYROGENIC SILICA | RHEOLOGY CONTROL

HDK® V16



Advantages of HDK® V16

- Significantly higher thickening effect vs. other HDK® sealant grades
- Provides adequate reinforcement properties for rubber and RTV applications
- Potentially shorter incorporation time vs. other HDK® sealant grades (subject to customer equipment)
- Improved visual appearance of endproduct (subject to smooth incorporation)
- Balanced thixotropy, reinforcement, and dispersibility

A 10% higher thickening effect and a 15% higher yield point are observed if HDK® V16 is used instead of HDK® V15A.

HDK® V16 is also available as a higher density version: HDK® V16D.

Pyrogenic Silica with Personalized Service

Profit from decades of experience, our vertically integrated production, and hands-on technical expertise. We help you find the perfect solution for your specific requirements, be it by modifying a product or testing and analyzing different dosages of HDK® to your carrier medium. Should you have any questions or need assistance, our technical support team will be happy to advise you. Simply contact us at the address given below.
For more information visit: www.wacker.com/hdk

Comparison of physicochemical properties			
	HDK® V16	HDK® V16D	HDK® V15A
BET m ² /g	130–170	130–170	130–170
pH value	3.8–4.3	3.8–4.3	3.8–4.3
Loss on drying %	<1.0	<1.0	<1.0
Tamped density g/l	approx. 50	approx. 70	approx. 50
SiO ₂ content %	>99.8	>99.8	>99.8



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