

DORVALIT[®] SHO

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ehr
Revision: 1

Product description: DORVALIT[®] SHO is a multifunctional hydrophobic agent for the paints, coatings, and the building-materials industry. Excellent dispersibility in aqueous, solvent based and powdery systems provides a very good distribution in the final good. Due to the covalent bonds to a mineral carrier, the hydrophobic part is firmly anchored in the system. Because of the very good water vapour diffusion in combination with reduced water absorption, product enhancements in many areas are given.

Chemical analysis

	[mass-%]
SiO ₂	< 58
Al ₂ O ₃	> 41
Fe ₂ O ₃	< 0,5
K ₂ O	< 1,5
Loss on ignition 1000°C	< 1

Delivery

25 kg paper bags

Storage:

Protect from moisture. Keep dry and storage in original packaging.

Note:

Packed products are subject to normal aging and should not be stored longer than 6 months. Disposal recommendations may be taken from our Material Safety Data Sheet.

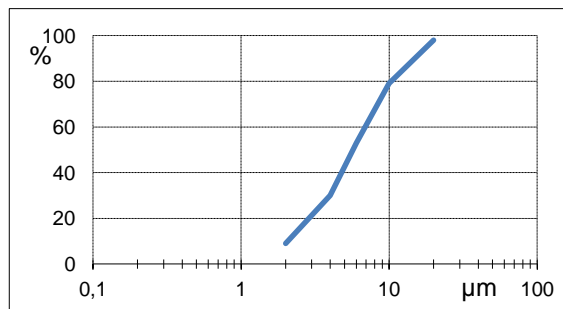
Spec. surface area (BET) DIN 9277	[m ² / g]	approx. 3 - 4
Oil absorption DIN ISO 787-5	[g / 100 g]	approx. 55
Humidity DIN ISO 787-2	[mass-%]	< 0,5
Bulk density	[kg/l]	approx. 0,6
Wet screen residue DIN ISO 787-7 > 25 µm	[mass-%]	< 5

Specific gravity	[g/ml]	approx. 2,5
pH value	[-]	approx. 6
Brightness (R457 abs)	[%]	> 88

Grainsize (Sedigraph 5120)

	[mass-%]
	approx.
< 20 µm	98
< 10 µm	79
< 6 µm	53
< 4 µm	30
< 2 µm	9

Typical values:



Basis: Average production values 2014/2015

Please note that all our products are natural products that may be processed and/or composite (also with synthetic products). Accordingly, all data and values shall be regarded merely as approximate values, which may include product-related tolerances.

It is the customer's responsibility to check the suitability of the product with regard to the intended use; to request information regarding tolerances resulting from production and deposit conditions as well as options and experiences regarding the use of the product. Apart from that, our "General Conditions of Sale and Delivery" shall apply. Supplied analytical values are based on the annual average and constitute neither a guarantee of particular quality nor are they legally binding for our products. We are pleased to provide recent analytical values upon request.