

SODIUM SILICATE binders for sand mixtures

DESCRIPTION:

Sodium silicate binders are used for production of sand moulds and cores. They are mixed with dry silica sand. On the other hand they can be used also for repairing of different metallurgical furnaces.

USE:

To the pure and dry silica sand 4 to 6 % of sodium silicate binder is added and the mass must be properly mixed to get a homogenate mixture. It is cured by air drying or by CO₂ - gas.

PHISICAL PROPERTIES OF BINDERS:

Name	Modulus (SiO ₂ : Na ₂ O)	Density (g/cm ³)	Quantity of decaying (%)	USE
SILVEZ B	2,90–3,20	1,33–1,37	/	Repair
SILVEZ	2,45–2,55	1,50–1,54	/	Repair
SILVEZ 21	2,45–2,55	1,50–1,54	21	Foundry
SILVEZ 15	2,45–2,55	1,50–1,54	15	Foundry
SILVEZ 7	2,38–2,42	1,50–1,54	7	Foundry

Sodium silicate binders with other properties, required by customers can be also prepared.

PACKING:

Vessels - 30 kg,
Barrels - 250 kg,
Containers - 1500 kg

STORAGE:

Binders are stored in open or close places where the temperature is not lower than 0⁰ C.

TAKE CARE THAT THE BINDER DOES NOT FREEZE!

Warning!

Every endeavor has been made to ensure that the information given herein is true and reliable but is given only for guidance of our customers without any guaranty for the single case because we have no control in the applications proceeding. Users are advised to confirm the stability of our recommendations by their own tests.