



KT Refractories US Company

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High Temperature Rigidizer

Technical Data

Products Description	High temperature rigidizer
SiO ₂	31~35%
Na ₂ O	0.2%
PH value	9.5
Average Density	1.2 kg/m ³
Viscosity (mpas)	7
Average grain size (nm)	17
Refractories	1300 °C

Application:

High Temperature RIGIDIZER is a liquid hardner, mainly used for increasing the durability and surface erosion resistance of blanket and board products, surface hardening of other fiber products, as the erosion-resistant coating for fiber product surfaces subject to high velocity hot gases.

User Instruction:

- 1) Before using the rigidier, clean the surface of products, remove the dusts and keep the working condition clean as well
- 2) Materials to be rigidized should be free of all grease and oil
- 3) Spray the rigidier to the surface of products by spraying gun, the rigidier can be also dip or brushed.
- 4) The bonding by rigidier may be accelerated by heating or over drying
- 5) The recommended usage is 1-2 kgs/square meters, the usage can be adjusted according to the engineering design or request.
- 6) Instruct the workers to wear the necessary protective equipments such as glove, mask and glasses, wash the tools and clean the job site after construction

Shelf Life: 10 months

Kept in dry place and must be protected from freezing

Keep the package sealed, when the package is opened, use up within 24 hours

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