

Betol[®] KLN T1

Binder for the production of welding rods

Chemical description

Betol KLN T1 is an inorganic binder based on aqueous solution of potassium, lithium and sodium silicates with improved wetting properties.

Mode of action

Due to the optimized composition excellent baking, storage and welding properties can be achieved.

Specification (average values)

Dry content:	approx. 35,5 %	007 *)
Density (20°C):	approx. 1,35 g/cm ³	042 *)
pH (conc.):	approx. 12,0	008 *)
Viscosity (20°C):	approx. 30 mPas	053 *)
Aspect:	opaque liquid	
Odour:	faint soapy odour	

*) Internal method code – description available on request

Properties

- good storage stability,
- good wetting behaviour for inorganic and metallic powders,
- high binding power,
- good water resistance after curing,
- very low tendency of efflorescence,
- appropriate welding properties.

Application

Betol KLN T1 is applied as a binder for the production of welding rods. It may also be used as binder for acid and fireproof cements or joint fillers or for stone repair products (e.g. sandstone).

Note

Betol KLN T1 is only slightly hazardous for ground water. During the production process and also at high temperatures no hazardous foams, fogs or decomposition products are evolved.

Storage

Do not store Betol KLN T1 in aluminium or zinc-plated containers. Protect from frost. Storage stability in closed original containers at least 6 months.

Labelling / Safety

Please see safety data sheet

Packaging

Container

10/2015

