

Compound OK 80 · 1 kV



Technical Data		
Processing temperature	+ 5°C to + 40°C	
Density	1,75 - 1,80 g/cm ³	(20°C)
Breakdown voltage	> 25 kV	(VDE 0370 / 20°C)
Viscosity	80 - 100 Pa*s	(20°C, after Brookfield)

Material description

The compound OK 80 is a one-component, non-hardening cold casting compound based on higher hydrocarbons.

The material is non-hazardous so no labeling is required in accordance with the EEC directives. It contains neither isocyanates nor other toxic or hazardous components. Due to the marking-free components a problem-free disposal is given.

Application

OK 80 is used as sealing compound for branch and straight joint boxes in the range up to 1 kV.

The compound can be used on different materials (e.g. PVC, XLPE, metals). It has very good insulation properties and is also watertight.

Processing

Before pouring OK 80 has to be made homogenous by kneading (bag) or by stirring (bucket). It is important that only few air bubbles are mixed into the compound. OK 80 can be used at temperatures below 0°C, but the best processing temperature is between 20-25°C. Therefore it is recommended to store the material in a heated room before use.

The joint box must be made out of the solid material and has to be sealed carefully during mounting. During pouring of OK 80 into the mould, hit the joint box slightly on the outside to support degassing.

After pouring the viscosity of OK 80 increases noticeably and the flowability becomes negligible. Therefore the escape of the material through the cables is nearly impossible.

Packing is available in plastic buckets or in bags.

Storage

The original closed buckets/bags have to be stored in a dry and frost-free place.

When stored at a temperature between 10 - 30°C the shelf life is almost unlimited.

Hazardous / Safety advice

Follow the advice printed on the containers and the relevant safety data sheet.