

ISO-RC® insulating and sealing putty

DESCRIPTION

ISO-RC® insulating and sealing putty is a permanently plastic, fiber-free, kneadable sealing material based on hydrophobic polymers and minerals. The material is used for sealing and as water- and airtight protection for moisture- and corrosion-sensitive components, e.g. for damp-room cable accessories (switches, junction boxes, closure). ISO-RC® insulating and sealing putty is RoHS compliant and free of heavy metals, aromatics and halogens.

The advantages of ISO-RC® insulating and sealing putty are:

- can be kneaded by hand in summer and winter
- no heating required before application
- does not petrify, permanently plastic, suitable for tropical environments
- low water absorption
- corrosion-inhibiting
- good thermal stability
- good electrical insulation properties
- very high storage stability.

TECHNICAL DATA

Composition	Polymer oils, minerals and additives
Condition at 23°C	Viscoplastic, kneadable
Colour	Grey-brown (others on request)
Density (23°C)	Approx. 1,60 g/cm ³
Cone penetration at 12°C	Approx. 30 1/10 mm
Softening point (ring and ball)	Approx. 110°C
Permanent heat resistance	Approx. 80°C
Thermal conductivity (DIN 16946 T1)	Approx. 0,40 W/K×m
Flash point (DIN 51758)	> 280°C
Dielectric strength (VDE 0291 T2)	Approx. 16 kV/mm

DELIVERY FORM

100 g rods in wax silk-coated aluminum foil, 10 rods per box. Other delivery forms on request.

STORAGE AND TRANSPORT

Store packaging dry and unloaded at <60°C. Shelf life at least 5 years.

PROCESSING

To use, knead the putty preferably at room temperature and apply it thickly to the area to be sealed. The putty is not a toy. The EC safety data sheet provides information on safety-relevant product properties.

Our technical application advice, whether verbal, written or based on trials, is given to the best of our knowledge and experience, but is to be regarded only as non-binding advice for normal and proper use and storage of the products, also with regard to any third-party property rights, and does not release you from your own examination of the products supplied by us for their suitability for the intended processes and purposes. The application, use and processing of the products are beyond our control and are therefore exclusively your responsibility and liability. Should liability nevertheless come into question, this is limited for all damages to the value of the goods supplied by us and used by you. It goes without saying that we guarantee the perfect quality of our products in accordance with our General Terms and Conditions of Sale and Delivery. We reserve the right to make changes to the product specification. The latest product data sheet applies (for status see page 1).