

Protolin Transparent



Product Description

Polymex – 3013 is a two – component, solvent – free, hard or flexible, polyurethane based excellent adhesive and insulation material.

Areas of Application

Polymex – 3013 is used for the purpose of the insulation of AG and OG cable, integrated circuits, coil windings, and leakage fillings. It can be easily used in electrical sector without hesitation and underground and surface cable system connections and special transformer manufactures. Polymex – 3003 is used to insulate additional places if it is necessary to make additions in low and medium tension cables. It is also used in different application of electricity. It is resistant to 36 thousand Volt electricity.

Application

The surface must be cleaned from oil, dirt, rust and cracks and must be dry. Polymex – 3013 is applied by casting or with a roller or machine. If it is applied by hand, you should absolutely wear gloves, as it will be very difficult to clean this material from your hand. Polymex – 3013 is an excellent insulation and filler material for electricity sector. B component is added to A component. It is mixed with a mixer and brought to a condition ready to use until there is no any color difference. The prepared mixture must be used within 45 – 50 minutes.

Storage and Shelf Life

Storage time is 2 years in normal conditions (+20C) if it is stored in dry places and without being opened. The manufacture date is written on the label. Packages must be stored upright.

Teknik Technical Specifications

Color	Transparent, grey or any color
Brightness	Bright or mat
Shore A	75 – 80
Flash point	It doesn't shine. It is solvent free.
Curing	25 minutes or any time
Application temperature	10 – 35 °C
Density (20 °C)	A = 1,23 ± 0,1 B: 1,2 ± 0,05
Mixing ratio	A/B : 5/1
Binding agent	Polyurethane resin
Dry	Frist dry: 2 hours final dry: 4 hours
Traction strength	29 Mpa

Electrical Resistivity Measurements

Polymex – 3013; the volume resistivity of the sample plate produced by using polyurethane product was conducted according to the basis of standard TS 2734 (Resistivity measurement of conductive and anti – static resins). The test was conducted at HIGH voltage laboratory. The resistance of sample as a result of measurement conducted on a plate in the dimension of 380 x 330 mm and in the thickness of 3 mm was expected to be > 945MQM. Cable additional insulation and casting.

Packing

As a set of 16, 21 and 32 kg.