

Polyurethane Electrical Insulating Casting Resin



Product Description

It is a two – component, solvent – free, polyurethane based, electrical insulation and cast resin.

Areas of Application

It is used for the purpose of the insulation of AG and OG cable in the industry of electrical cables. It is resistant to 36 thousand Volt electricity. It is used in the insulation of cable heads, additional exemption and end fittings. It is used in in submersible pumps, and aquarium filters and motor to prevent electrical components from water. It prevents the vibration in pumps.

Application

The surface must be dry and clean. It must be cleaned from oil, dirt, rust and cracks. Attention must be paid to surface and ambient temperatures to be min. 8C and max. 30C during the application. Package must not be kept under sun, it must necessarily be protected from freezing and humidity, and also an external product must be added. Polymex – 3003: B component is added to A component. It is mixed until obtaining a homogenous mixture. The surface or place must be cleaned from oil, dirt, rust and cracks. The prepared mixture must be applied between 30 and 40 minutes. If the material is not used completely, the material must be used by weighing for 3/1 ration written in the label.

Packing

As a set of 20, 28 and 40 kg.

Technical Specifications

Color	Krem, kiremit, siyah, yeşil ve istenilen renk
Brightness	Parlak veya mat
Flash point	Parlama yapmaz. Solventsizdir.
Application temperature	5-35°C
Density (20°C)	A= 1,43±0,1 B: 1,22±0,05
Pot life (20°C)	30-40 dakika
Mixing ratio	A/B:3/1
Binding agent	Poliüretan Reçine
Temperature resistance	-45/ +280°C
% extension	35
Dry time	İlk kuruma: 1 saat son kuruma: 4 saat
Application form	Dökme, rulo, mala, Airless

Features

It is resistant to corrosion, acid and alkali and other chemical and corrosive substances. It becomes harder in low temperatures without showing an important volume change. The dry time can be short due to catalytics. It is absolutely solvent free.

Storage and Shelf Life

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