

3023

POLYME^RX

Transparent Epoxy Casting Resin



Product Description

It is an Epoxy and resin – based, two – component, transparent epoxy casting resin with low viscosity. Transparent epoxy with two components and low viscosity is used in the electricity sector as a casting resin.

Features

It is transparent. For this reason, it can be used as a primer or topcoat on many surfaces. It can be applied in many sectors as it is transparent (electricity, souvenir). Polymex – 3023 – transparent floor coating can be used in floor coating and lamination coating works.

Areas of Application

Transparent Epoxy Casting Resin is used in the insulation of cable heads, additional exemption and end fittings in the industry of electrical cables. It is a cast resin used in submersible pumps, aquarium filters and motor to prevent electrical components from water. It prevents the vibration in pumps. It is used in fuse and mold manufacturing and separate LED bars, and FR modulators are used. It is used in electronic and electrical systems. It is also used for the purpose of insulation in surface and underground electrical, high tension connection systems. It is used as Transparent Casting Resin in water insulation, filling concrete and cracks in the electricity sector.

Preparation of Material

A and B components of Transparent Epoxy Casting Resin is slowly mixed with a mixer which have a slow cycle in proportional amount and it is continued until obtaining a homogenous mixture. In case of Polymex – 3023 - Transparent Casting Resin is not to be used completely, the mixing ratio must be used in less quantity.

Technical Specifications

Renk	Şeffaf
Yoğunluk	A: 1.15 gr/cm ³ B: 1.05 gr/cm ³
Alevlenme Noktası	180 ° C
Karışım Oranı	100 gr A, 60 gr B
Uygulama Süresi	45 dakika (+20 ° C' de)
Tam Mukavemet	7 gün
Ambalaj	15 kg-20.kg lık setler halinde
Raf Ömrü	Açılmamış orijinal ambalajında 12 ay (+5 ° C üstünde depolanmalı)

Security Precautions

Contact of Transparent Epoxy Casting Resin with face must be avoided; in case of contact, wash with a plenty of water and soap. Empty packages cannot be used as food storage containers. Avoid direct breathing, masks, glasses and gloves must be worn in accordance with chemical breathing. 3023 Transparent Epoxy Casting Resin

Floor Applications

Moving parts on Transparent Epoxy Casting Resin floor are removed. Dust, oil, rust and other substances are cleaned. Polymex 3023 Transparent Casting Resin fills the gaps and cracks are repaired by adding sufficient quartz sand. It is provided to have relative humidity less than 3%. In case of necessity, Polymex – 3023 – Transparent Casting Resin is applied. After 6 hours, Polymex – 3023 – Transparent Casting Resin is applied with a roller firstly in one direction.