

# 3011

# POLYME<sup>R</sup>X

## PVC Plastisol Coating



### Product Description

It is an adhesive and cast material which is synthetic resin based, single component, and kiln dried.

### Properties

Polymex – 3011; plastisol PVC coating provides thicker layer in comparison with other plastic coatings. It is an important factor that the cost is low due to not needing for the application of second metal coating paint etc. before the plastisol in some pieces. Coating it before the preliminary processing of a piece that will prevent side effects, corrosion and heat is important in terms of resistance of plastisol PVC, and its corrosion resistance. As a result, it provides an excellent noise insulation, reduced vibration, heat and electricity insulation. It eliminates sharp ends on metal pieces. Polymex – 3011; is formed for the coatings with the features of hard, flexible, resistant, and the features of slip and smooth consistency, chemical and electrical properties and high wear and tear resistance. This coating piece provides an excellent consistence. Partial coating of any piece with plastisol PVS coating provides a decorative appearance.

### Areas of Application

It is especially used in children playground coatings. It is used in control arms, machines, automotive pieces, and production of any kind of spare parts. It is used in the production of air filter and sports equipment coating. Especially Polymex – 3011 is a very compatible coating for swimming pools and children playgrounds and all parts with holder features of hand tools.

### Storage and Shelf Life

It can be stored for 24 months in standard room conditions in unopened and original packages.

### Technical Specifications

Color	Any color
Brightness	Bright or mat, optionally
Binding agent	Synthetic resin
Solid substance by weight	99 ± 1
Dry time	Oven: 180C 12 min
Density (20C)	1.25 – 1.30 gr./ml
Dry and wet film thickness	800 microns/ 950 microns
Drying (180 C)	12 min
Application temperature limits	160 C/ 180 C
Thinning	It can only be thinned with DOP.
Heat resistance	180 C – 200 C
Mixture	Single component kiln dried

### Storage and Shelf Life

The applied surfaces must be free from any dirt, oil, rust and dust and dry. After Polymex – 3011 is applied on the prepared surfaces, it is stoved in the defined time. Due to its flexibility, it can take the form of product. It can make two or three layers in the same product in different formulations. It is resistant to heat (180 – 245 C) and chemicals. It does not absolutely flash. Contact to our firm for detailed and further information related to Polymex – 3011 applications.

### Packing

Drums or batches of 25, 50, and 250 kg.

