

# DINITROL PVC PA 283 03

## PVC-Plastisol

DINITROL PVC PA 283 03 is a PVC-Epoxy-Blend Plastisol (solvent-free) for medium solid metal adhesion (e.g. frame at engine hood and trunk lid). For EC-wash resistance the material needs to be dried/cured in a ventilated oven at a minimum temperature of 160 °C and a maximum of 200 °C (for ± 20 minutes).

- » Heat curing and solvent free sealant and putty
- » Highly heat resistant and mechanical stress consistent
- » Very good to hold the structure of the powder coating
- » Excellent gap filler
- » Fast further processing



### DINITROL PVC PA 283 03

Art. No.	Size	Package	Color
12562	25 kg	Pail	Beige

# DINITROL PVC PA 283 03

## Technical Details

### Product description

DINITROL PVC PA 283 03 is a overpaintable PVC-Epoxy-Blend Plastisol (solvent-free) for medium solid metal adhesion (e.g. outside / frame at bonnet and trunk lid). A pregelling at 160°C is recommended for EC-Wash resistance. The material is approved according the OPEL specification L000 0406.

### Features

- Heat curing and solvent free sealant and putty
- Highly heat resistant and mechanical stress constant
- Very good to hold the structure of the powder coating
- Excellent gap filler
- Fast further processing

### Application

DINITROL PVC PA 283 03 is applied using an airless pump, high-pressure hose and gun with suitable extrusion nozzles. Application parameters are depending on nozzle, temperature, type of equipment etc. Maximum object temperature 200°C for maximum 60 minutes. Minimum baking conditions: object temperature 175°C for minimum 20 minutes.

### Storage

Stored in closed containment, in a dry and ventilated area, at temperatures between 10°C and 30°C the shelf life is 6 months. Do not expose to direct sunlight. Avoid any contact with water.

## Technical Data

Colour	Beige	
Base	homogenous paste	
Density (Pycnometer, 20°C)	1.50 – 1.56 g/ml	
Shore A Hardness –	Tile: 25 x 80 x 6 mm / 30' 185°C	53 – 55 Shore A
Sagging	Substrates: Zn/Ni – electro-galvanized steel Rope Ø 12 mm 10'70°C + 20'150°C + 30'170°C 10'70°C + 20'150°C + 60'200°C	0 mm 0 mm
Rheology (Flow)	Parameters: Temperature Diameter Pressure Result	20°C 2,6 mm 1,4 bars 30 – 50 seconds/ 20 g
Viskometer, C2 system Typische Werten, kein Spez.	Relative Viskosität (Pa.s) = 22.86 Bingham Viskosität (Pa.s) = 16.63 Bingham Yieldpoint (Pa) = 391	
Shear strength	Substrates: Zn/Ni – electro-galvanized steel 25'150°C 25'150°C + 30'180°C 60'200°C	± 197 N/cm², cohesive failure ± 208 N/cm², cohesive failure ± 219 N/cm², cohesive failure
Available in	25 kg Pail	

### Hazards identification

#### 2.1. Classification of the substance or mixture

GB CLP Regulation

Skin Irrit. 2; H315; Eye Dam. 1; H318; Skin Sens. 1; H317; Aquatic Chronic 2; H411

**For all relevant safety advices please read the material safety data sheet or the packaging label.**