

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.