

DINITROL PVC PA 283 02

Hot-curing PVC sealant

DINITROL PVC PA 283 02 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).



- » Hot-curing, solvent-free sealant
- » High heat resistance and mechanical resistance
- » Highly suitable for retaining the texture of powder coating
- » Outstanding filler
- » Fast further processing



Equipment

DINITROL Milwaukee Tool 18V Cordless 1-P
Art. No. 1731900

**DINITROL Milwaukee Tool 600 ml
Add-On Set 1-P**
Art. No. 1732000

DINITROL Industrial Nitrile Gloves XL
Art. No. 1734100

DINITROL PVC PA 283 02

Art. No.	Size	Package	Color
16402	600 ml	Foil wrap	Grey
12324	25 kg	Pail	Grey
12562	25 kg	Pail	Beige

DINITROL PVC PA 283 02

Technical Details

Product description

DINITROL PVC PA 283 02 is a PVC-Epoxy-Blend Platisol (solvent-free) for medium solid metal adhesion (e.g. outside / frame at bonnet and trunk lid). For EC-wash resistance the material needs to be cured in a ventilated oven at a minimum temperature of 160°C and a maximum of 200°C (this for +/- 20 minutes). 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 02 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. The maximum object temperature is 200°C for maximum 60 minutes. Maximum baking conditions: Object temperature 175°C for minimum 20 minutes.

Health/Safety

DINITROL PVC PA 283 02 is classified and labelled according to the CLP regulation (EC) Nr. 1272/2008. For more informationen please see the material safety data sheet.

Storage

DINITROL PVC PA 283 02 stored in closed containment, in 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 contact with water. For additional information, please consult DINOL GmbH.

Technical Data

Colour	Grey, RAL 7004	
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
Verformung	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
Rheologie (Fließen)	Parameters: Temperature Diameter Pressure Result	20°C 2,6 mm 1,4 bar 30 – 50 seconds/ 20 g
Shear strength	Substrates: Zn/Ni – electro-galvanized steel 25'150°C 25'150°C + 30'180°C 60'200°C	200 N/cm ² , cohesive failure 200 N/cm ² , cohesive failure 200 N/cm ² , cohesive failure
Available in	600 ml / 25 kg	

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