

## DINITROL PVC PA 283 O2

PVC Plastisol

### Characteristics:

DINITROL PVC PA 283 O2 is a over-paintable 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.

### Applications:

DINITROL PVC PA 283 O2 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.

### Health and Safety/Storage:

According European Community regulations DINITROL PVC PA 283 O2 has to be labelled. 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 properties:

Colour:	Grey, RAL 7004	
Form:	Homogeneous paste	
Density:	Pycnometer, 20°C	1.50 – 1.56 g/ml
Shore A Hardness:	30' 185°C	53 – 55 Shore A
Sagging:	Substrates: Zn/Ni – electro-galvanized steel Bead at 12 mm 10'70°C + 20'150°C + 30'170°C 0 mm 10'70°C + 20'150°C + 60'200°C 0 mm	
Rheology:	Flow: Product temperature: Diameter: Pressure: Result:	Program: 20°C 2.6 mm 1.4 bars 30 – 50 sec / 20g
Shear strength:	Substrates:	Zn/Ni – electro-galvanized steel 25'150°C ± 197 N/cm <sup>2</sup> , cohesive failure 25'150°C + 30'180°C ± 208 N/cm <sup>2</sup> , cohesive failure 60'200°C ± 219 N/cm <sup>2</sup> , cohesive failure

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

Die in diesem Merkblatt gemachten Angaben sind das Ergebnis sorgfältiger Untersuchungen. Soweit sie sich auf die Anwendung beziehen, sind sie als Empfehlung zu betrachten, die dem Erfahrungsstand entsprechen. Wegen der Vielseitigkeit der Anwendungs- und Arbeitsweisen können wir jedoch eine Verbindlichkeit nicht übernehmen. Es wird daher ein vertragliches Rechtsverhältnis nicht begründet, und es entstehen aus eventuellen Kaufverträgen keine Nebenverpflichtungen.

All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the use of our products.

DINOL GmbH  
Pyrmonter Str. 76  
D-32676 Lügde  
Telefon:  
+49 (0) 52 81 / 9 82 98-0  
Telefax:  
+49 (0) 52 81 / 9 82 98-60  
E-Mail:  
service@dinol.com