| EPOSIR® 7165 | PRODUCT DATA SHEET RE/7165/039701/1 |
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## Description
Low molecular weight Bisphenol A based solid Epoxy resin.

## Applications
Eposir 7165 is suitable for:

♦ formulation of bicomponents paints, solvent borne, for both air or stoving curable systems in the anticorrosion field.

♦ formulation of Hybrid powder coatings in combination with carboxyl-terminated polyester resins.

## Sales specification

| Property | Value | Unit | Method |
| --- | --- | --- | --- |
| Epoxy equivalent weight | 540 - 620 | g/eq. | ISO 3001 |
| Viscosity at 25°C    (1) | G - M | Gardner Sc. | ASTM D 1545 |
| Colour          (1) | 150 max. | Pt/Co Sc. | ASTM D 1209 |

(1) Determined on 40% m/m solution diethylenelycol-monobutylether .

## Typical Properties

| Property | Value | Unit | Method |
| --- | --- | --- | --- |
| Melting range | 48 - 52 | °C | SIR 10000 |
| Glass transition temperature (2) | 42 | °C | ASTM D 3418 |
| Viscosity at 150°C | 1300 | mPa.s | |
| (ICI cone plate) | | | |

(2) Determinated on DSC (Perkin Elmer series 7) : 20°C/minute.

## Supply Form
Product is available as irregular flakes packed in 25 Kg PolyEthylene bags.

## Storage stability
The product should be stored in the original bags kept tightly closed, away from sunshine and heat sources. Under these conditions and at a normal temperature (20°C) the resin should have a stability of one year.

## Safety
The product is not flammable and no toxic effect has been determined.
Further advices are given in the safety data sheet.