

Scapa R41

Two Component Epoxy Resin

DESCRIPTION

Scapa 41 is a non-filled, semi-rigid, room curing, two component epoxy resin. The colour of the mixture is amber .

APPLICATIONS

- For electrical insulation of low voltage cable joints.
- For mechanical protection of medium voltage cable joints.
- For protection against humidity.

PRODUCT BENEFITS

- Precise packaging of pre-weighed resin and hardener.
- Easy mixing due to the weight ratio of resin / hardener of 1/1.
- Polymerises in wet conditions without bubbling.
- Pot life adapted to temperate climates.
- Exceptional adhesion to PVC and PE.
- Conforms to UTE standard C 33-010.
- After mixing the resultant product is completely inert.

TECHNICAL PROPERTIES

| Technical Property | Nominal Value | Unit | Test Method |
|--|----------------------|-------------------|--------------|
| Density of the Mixture at 25°C | 1.04 | g/cm ³ | ISO 3521 |
| Dielectric Strength | 25 | kV/mm | IEC 60243 |
| Hardener Viscosity at 25°C | 3500 | mPa.s | ISO 2555 |
| Pot Life for 100g at 25°C in the air | 25 | Min | UTE C 33 010 |
| Proportion of Hardener for 100g of Resin | 100 | G | - |
| Resin Viscosity at 25°C (Brookfield) | 3500 | mPa.s | ISO 2555 |
| Shore A Hardness | 95 | - | ISO 868 |
| Volume Resistivity | 1 x 10 ¹² | Ohm.m | IEC 60093 |

STANDARD PRESENTATIONS

- Branding: Scapa
- Double bag / Volume (Cm³) / Weight (g): 41001 / 86 / 90
- Double bag / Volume (Cm³) / Weight (g): 41002 / 183 / 190
- Double bag / Volume (Cm³) / Weight (g): 41003 / 423 / 440
- Double bag / Volume (Cm³) / Weight (g): 41004 / 493 / 513
- Double bag / Volume (Cm³) / Weight (g): 41005 / 402 / 418

RECOMMENDATIONS

Store in the sealed packaging above freezing point between +10°C and +30°C. Shelf life is 2 years.