BARNIER ® R41

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.
- Protection against moisture
- For electrical insulation of BT cable accessories

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.

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TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Density of the Mixture at 25°C	1.04	g/cm3	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 1012	Ohm.m	IEC 60093

Note:

****This will be taken from the core product for the SAP Material Group****

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.

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