

ISOSEAL® ME 2864

Description:

ISOSEAL® ME 2864 consists of impregnated mixed polyester-glass-fabric.

Properties:

ISOSEAL® ME 2864 is a thermo-shrinkable tape.

During impregnation the resin can penetrate through the layers of the ISOSEAL® ME 2864 tape into the main insulation.

During curing process ISOSEAL® ME 2864 will shrink under temperature and prevent a drain out of resin and give some pressure to the main-insulation.

Application:

ISOSEAL® ME 2864 is used as final layer above the porous tapes in the production of VPI-insulation windings.

Materials:

ISOSEAL® ME 2864 consists of impregnated mixed polyester-glass-fabric.

ISOSEAL® ME 2864 additionally contains a metallic salt (zincnaphthenat) suitable for epoxy-anhydride systems.

Formats:

Rolls:	max. width 1080 mm
Tapes:	from 10 mm width upwards

Storability:

Unlimited under normal condition (20° C; 50 % r. h.)

Technical Data

ISOSEAL ME 2864			
Properties	Test method	Unit	Value
Nominal thickness	DIN 0863	mm	0.07
Tolerance	DIN 0863		± 0.01
Total substance	IPV 4	g/m ²	59 ± 7
Glass-polyester-fabric		g/m ²	25 ± 3
Resin content		g/m ²	34 ± 4
Accelerator	IPV 19	mgZn/m ²	350 ± 50
Tensile strength	DIN 53455	N/10mm	≥ 40
Elongation	DIN 53455	%	≥ 20
Breakdown voltage	IEC 243	kV	≥ 3
Shrinking after 2 h at 75° C 120° C 150° C	IPV Nr.22	%	≤ 1 ≥ 2 ≥ 4
Colour			ferric oxide (brown)