

## **PREFILZ® 2082**

### Composition:

PREFILZ® 2082 consists of PET-felt impregnated with a modified epoxy resin in B-stage.

### Properties:

PREFILZ® 2082 is flexible and compressible and can be formed and cured under temperature and pressure.

### Application:

PREFILZ® 2082 can be used e. g. as separator and filling material in the overhang parts of high voltage windings or for the production of moulded parts.

### Formats:

Rolls: thickness 1.0 mm      max. 940 mm width  
          thickness 1.5 mm      max. 640 mm width

Tapes: from 20 mm width upwards

PREFILZ® 2082 is supplied interleaved

### Storability:

min. 6 months at 20° C

min. 12 months at 5° C

### Curing conditions:

1 hour at 170° C

or 3 hours at 150° C.

## Technical Data

<b>PREFILZ® 2082</b>			
<b>Properties</b>	<b>Test method</b>	<b>Unit</b>	<b>Value</b>
Nominal thickness		mm	1.5
Total substance	IPV no.4	g/m <sup>2</sup>	1200 ± 130
PET-felt	IPV no.4	g/m <sup>2</sup>	300 ± 30
Resin content	IPV no. 18	g/m <sup>2</sup>	900 ± 100
Thickness after pressing (2 h 160° C. 2 N/mm <sup>2</sup> )		mm	approx. 0.95
Thermal classification	IEC 216	°C	155 (F)