

PUCARO Elboard LD

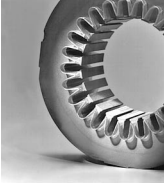
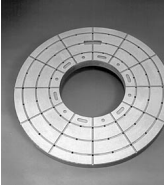
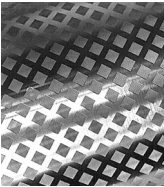
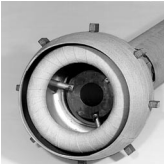
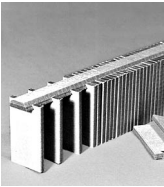
Type B 5.1 in accordance to IEC 641-1

Features:

- **Insulation class A** (105 °C) in accordance to VDE 0530 Part 1
- Mouldable pressboard made from 100 % sulphate wood pulp, of high purity and high oil absorption
- Natural-coloured
- Good compatibility with liquid dielectrics

Available:

- Trimmed on four sides
approx. 1050 mm x 1020 mm
approx. 1050 mm x 2050 mm
approx. 2100 mm x 2050 mm
approx. 2100 mm x 4100 mm
- Special dimensions on request
- Available thicknesses 0.8 - 6.0 mm



Technical Data

PUCARO Elboard LD

Type B 5.1 in accordance to IEC 641-1

Material Properties:

	Unit	Data according to IEC 641-3-1 B 5.1	Test values*
Thickness	mm	≤ 1.6 mm	max. ± 10 %
		> 1.6 - 8.0 mm	max. ± 10 %
Apparent density	g/cm ³	0.75 - 0.90	0.80
Tensile strength	M.D. C.M.D.	N/mm ²	min. 50
			min. 40
Elongation	M.D. C.M.D.	%	min. 7
			min. 8
Shrinkage	M.D. C.M.D. Thickness	%	max. 0.8
			max. 1.2
			max. 6.0
Moisture content at delivery	%	max. 8.0	5.5
Ash content	%	max. 0.5	0.4
Conductivity of aqueous extract	mS/m	max. 7.0	6.0
pH of aqueous extract		6.0 - 9.0	7.5
Oil absorption	%	min. 35	40
Electric strength in oil	kV/mm	≤ 1.6 mm	40
		> 1.6 - 3.0 mm	28
		> 3.0 - 6.0 mm	29

* These tests have been carried out on transformerboard thicknesses 1.57 mm, 2.0 mm and 4.77 mm

The above values, which have been determined by careful tests, provide only general information. PUCARO has implemented several programs to assure the highest quality and reliability of this product. However, no responsibility is assumed for its use.