

02-96 Alkyd Vinyl Segment Plate

Composition

02-96 is a low bond Alkyd Vinyl resin bonded mica segment plate milled to IEC-371 thickness tolerances.

Application

This plate is specially suited to segment insulation in commutators of traction motors. 02-96 is available in the form of sheets or punched segments, which can also be supplied stack-gauged to ensure precise dimensional control on built up commutators.

Product Data

Property	Unit	Value
Thermal Classification	°C	155
Thickness range	mm	0.40 - 1.60
Thickness Tolerance	mm	Avg. ± 0.025 , Individual ± 0.050
Binder Content	%	03 - 05
Dielectric Strength	kV/mm	>22
Heat stability as per IEC 371-2-11; 300°C / 600 kg/cm ² / 30 minutes.		No exudation of binder & no mica displacement
Compressibility as per IEC 371-2-12 at 600 kg /cm ² pr.	%	At RT - 3 max. At 200°C - 2 max.

Different Grades

Code No.	Mica Type	Binder Content, %
02-96-02	6 1st Ruby / 6 DL Muscovite	3 – 5
02-96-03	6 1st Amber (Phlogopyte)	5 – 7
02-97-04	6 1st / 6 DL Ruby	5 – 7

Available size of sheets

1050 mm X 750 mm ± 10 mm
750 mm X 525 mm ± 10 mm

08/00



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