TRANSFORMER PYRANOL A13B3B-2 (June 1972)

TESTS	SPECIFICATION VALUES
Viscosity at 37.8°C (ASTM D88)	39 - 43 sec. Saybolt Universal
Spec. Gravity at 25/15.5°C (ASTM D1810)(D901)	1.515 - 1.525
Color, APHA	150 max.
Condition	Clear
Acidity, mg.KOH/g. (ASTM D974, D664)	0.014 max.
Pour Point, °C., (ASTM D97)	-42°C., or lower
Inorganic Chlorides, ppm. (ASTM D1821) GE method E4C41B	0.10 max.
Refractive index at 25°C. (ASTM D1807) (D901)	1.6060 - 1.6070
Corrosion	After heating with aluminum for 6 hrs. at 210°C., the aluminum must not be corroded either on visual or weight inspection and the Pyranol should meet the following specifications:
	Color, APHA — 200 max.
	Acidity, mg.KOH/g. — 0.014 max.
	Inorg. chlorides, ppm — 0.15 max. tentative
	Condition — Clear
Water content, ppm. (ASTM D1533)	30 max.
Resistivity, 100°C., 500 Volts, DC, 0.1" gap (ASTM D1169)	100 x 10^9 ohm-cm., min.
Dielectric strength, 25°C. (ASTM D877)	35 KV., min.
Epoxide, % by weight (G.E. material D5D70, Test method G.E. E4C50)	0.115 - 0.135

General Properties Not Included In The Specification Tests

Dielectric constant, 100°C., 60 Hz (ASTM D924)	4.2 - 4.6
Burn Point (ASTM D92)	None to boiling point
Fixed chlorine	58.5±0.5
Coefficient of Thermal Expansion (ASTM D1903)	0.0007 cc./cc./°C.
Distillation range (ASTM D20) Corrected for stem and barometric pressure	
First drop	210°C. min.
35%	240-270°C
55%	290-330°C
65%	365-380°C
95%	375-395°C

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PCB-ARCH0743756