STANDARD SPECIFICATION OF

MONSANTO CHEMICAL COMPANY
PHOSPHATE DIVISION
ANNISTON, ALA.

PRODUCT: ~~Aroclor 1254~~ CODE NO.: ~~1040-280-75-09~~

GRADE: #1476 Pyranol DATE AUTHORIZED: 10/3/41

PROD. DEPT. NO.: 14 (6-1437) SUPERSEDES: 6/21/40

APPROVED BY (Initials) H.F.W. 10/1/41, R.L.J. 10/3/41

	Control Specification	G.E. Apr. 1941 Consumer Specification
Color, APHA Scale	* Below 150 100	x Same
Condition	Clear	x No statement
Specific Gravity, 65/15.5°C.	* 1.495 – 1.505	x Same
Acidity, mgm. NaOH/gm.	* Below 0.01	x Same
Inorganic Chlorides, p.p.m.	* 0.15 Max. 10	x Same
Saybolt Visc. at 98.9°C., sec.	* 44.5 – 47.5	46 – 49
Dielectric Constant at 100°C.	* 4.15 – 4.35	Same
Resistivity at 100°C., ohms/cm^3	* Above 100 x 10^9	Same
Aging Test, 96 hrs. at 100°C.	Customarily omitted	No drop in R
Dielectric Strength	Undetermined	30 kv. Min.
Refractive Index at 25°C.	* 1.6370 – 1.6390	x Same
Distilling Range, Observed, 10%	*(350 – 355°C.	(Same
(ASTM D20 Modified) 50%	(355 – 362	(Same
90%	(362 – 375	(Same
Pour Point, °C.	* 8 to 12	x Same
Water, p.p.m.	* 35 Max.	Same
Evaporation, 6 hrs. at 100°C.	* 0.4% Max.	Same
Corrosion: Loss of Aluminum	(0.0%	x (None
(6 hr. at Acidity	(Below 0.01	(Same
210°C.) Inorg. Chloride	(0.15 ppm. Max. 10	(Same
Condition	(Clear	(Same
Color, APHA	(400 Max.	(Same
Burn Point, ASTM D-92, °C.	Customarily omitted	Above 350
Total Chlorine, % Cl	Customarily omitted	54.5 – 55.5
Sulfates, ASTM D117-31	Undetermined	None
Stability: Liberation of Cl after 1 month at 100°C.	Undetermined	None
Specific Heat	Undetermined	0.27

DSW 330904

NOTES:

* Items furnished on Certificate of Analysis to G. E. or Westinghouse.
x Items listed for vendee's tests on advance samples.
Test is rarely if ever made where item is marked "Undetermined".
Westinghouse specifications, if any, are unknown. Western Electric Specifications (August 1936) are available but not shown account W.E. now inactive.
Specific gravity changes –0.00095 per °C. (55 – 105°C.).
Sample for analysis: 2 x 1/2 gal. can.

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