C O P Y

STANDARD SPECIFICATION
OF
MONSANTO CHEMICAL COMPANY
PHOSPHATE DIVISION
Anniston, Alabama

1476)

PRODUCT: Aroclor 1254 (Pyranol 1476) CODE NO. 1040-280-75-09

GRADE: General Elec. Company Date Authorized

PROD. DEPT. NO.: 27 SUPERSEDES: 2/16/50

	HVM	HOT	PL	TKS
APPROVED BY (Initials)	3/26/52	3/27/52	3/31/52	4/1/52

G.E. Sept. 1949

	Control Specification	Consumer Specification
Color, APHA Scale	*100 Max.	x Same
Condition	Clear	No Statement
Specific Gravity, 65/15.5°C	* 1.495-1.505	x Same
Acidity, mgm. NaOH/gm	* 0.01 Max.	x Same
Inorganic Chlorides, ppm	* 0.10 Max	x same
Saybolt Visc. at 98.9°C, sec.	* 43-47	43-47
/dielectric Constant at 100°C	*4.15- 4.35	Same
Resistivity at 100°C, ohms-cm	*Above 500 x 10^9	Same
Aging test, 96 hrs. at 100°C	Customarily omitted	No drop in R
Dielectric Strength	Undetermined	30kv. min.
Refractive Index at 25°C	* 1.6370-1.6390	x same
Distilling Range, Observed, 10%	(350-355°C	x Same
(ASTM D20 Modified 50%	(355-362	Same
90%	(362-375	Same
Pour Point, °C	* 8 - 12	x same
Water, ppm	* 35 max.	same
Evaporation, 6 hrs. at 100°C	* 0.4% Max	same
Corrosion: Loss of Aluminum	*(0.0%	x none
(6 hrs. at Acidity 210°C)	*(Below 0.01	(same
Inorg. Chloride	*(0.10 ppm max.	(Same
Condition	*(Clear	(Same
Color, APHA	*(150 max.	(same
Burn Point, ASTM, D-92, °C	customarily omitted	Above 350
Total Chlorine, %Cl	" "	54.5 - 55.5
Sulfates, ASTM D117-31	Undetermined	None
Stability: Liberation of Cl after 1 mo. at 100°C	Undetermined	None
Specific Heat	Undetermined	0.27

*Items furnished on Certificate of Analysis to G.E. A five-pint sample of the material to be shipped as sent to G.E. for approval before shipment is released, unless other arrangments are made by G.E. A certificate of analyses is sent to G.E. on each lot shipped. Specific gravity changes 0.00095 per C. (55-105°C) Sample for analysis: 2 - 1/2 gal. glass dry bottles with pulp and tin foil cap liners.

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