MONSANTO CHEMICAL COMPANY

ANNISTON, ALABAMA

Mr. A. T. Ryan

LABORATORY TEST REPORT

AROCLOR 1254

ELECTRICAL-GRADE

Dewey & Almy Chemical Div.
W. R. Grace & Company
To A. C. Horn Division
At 2133 - 85th St., North Bergen, New Jersey
Customer Order No. 5568

Lot No. AD-26
Container 35 Drums
Date Shipped 6-26-64

PROPERTY	RESULT	SPECIFICATIONS
Color, APHA Scale	25	50 Max.
Condition	Clear	Clear
Specific Gravity @ 65/15.5°C.	1.499	1.495 - 1.505
Total Acid Number Mg. KOH/g.	0.001	0.010 Max.
Inorganic Chlorides, ppm.	0.009	0.05 Max.
Dielectric Constant @ 100°C., 1000 cycles	4.30	4.15 - 4.35
Resistivity @ 100°C., ohm-cm @ 500 V.D.C. 1 Minute Electrification 0.1 inch gap	2480×10^9	500×10^9 Min.
Refractive Index @ 25°C.	1.6379	1.6370 - 1.6390
Pour Point, °C.	11	7 - 12
Water, ppm.	18	35 Max.
Distillation, °C., Corrected:		
10% (by weight)	369	366 - 378
50% (by weight)	375	371 - 383
90% (by weight)	384	379 - 394
Monsanto Stability Test, ppm Cl	0.16	0.50 Max.
Hydrolysis Stability Test, ppm Cl	0.46	3.0 Max.

Tested by: Kemp

O. E. Dolin

O. E. Dolin - Chief Chemist

AN-30 (Rev. 2/61)

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