SCH—194 A-1M-6-35

STANDARD SPECIFICATION
OF
THE SWANN CORPORATION

Product: Aroclor No. 1260 Code No. 314-0-01-38

Grade: G.E. Compound #1482 Date Authorized 1/30/36

Supersedes Specification Dated 4/1/33

The Monsanto Chemical Company of Alabama shall test each batch of #1482 Compound made for shipment to Pittsfield and shall forward their test data together with a two quart advance sample for our Laboratory analysis and release.

The following are the chemical, physical and electric specifications which must be met by the Monsanto Chemical Company:

	Tolerable Limits / Typical Value
*Burn Point (ASTM D-92)	Greater than 350°C.
Viscosity at 98.9°C (ASTM D 88)	75-80 seconds
Specific Gravity at 90°C(referred to water at 15.5°C) (ASTM D287-30T)	1.550 - 1.560
Pour Point (ASTM D97)	30°C ± 4°C
**Color (IRS Method H-3955618)	Maximum 3/4 NPA
Acidity (IRS Method H-3955613)	Less than 0.015
Chlorides and Sulphates (ASTM D 117-wl)	None
Evaporation at 100°C. for 6 hours (IRS Method H-3955622)	Less than 0.2%
Distillation Range (ASTM D 20)	10% Point - 370-377°C 50% Point - 377-385°C 90% Point - 385-400°C
*Stability	There shall be no liberation of chlorine or chlorides when the material is heated at 100°C in a glass vessel in contact with air for periods of at least one month.
*Fixed Chlorine Content (Carius)	60% ± 1/2
Resistivity at 100°C under 500 volts D.C. (Electrodes Drawing M-1559663)	Greater than 500 x 10^9 ohms/cm^3
Aging characteristics at 100°C for 96 hours in air	No loss over original value
Dielectric Constant at 100°C (IRS Method H-3955871)	3.6 - 3.8
*Dielectric Strength (ASTM D 117-31)	Not less than 30.0 kilovolts

*No tests made on these items in laboratory

**Changed from previous specification

Approved by F. A. Barker ~~Chief~~ Chemist

Approved by [signature] 2/10/36 Sales Manager

Approved by [signature] Works Manager

Authorized by W. W. Cobb 2/18/36 ~~Chemical Director~~

DSW 312227

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