

MONSANTO CHEMICAL COMPANY
ORGANIC CHEMICALS DIVISION
W. G. Krummrich Plant
RAW MATERIAL
SPECIFICATION

PRODUCT CODE

81105

METHOD IDENTITY

SUPPLIER

246 WGK

ISSUED Aug. 5, 1957
STANDARDS DEPARTMENT

Wm. G. Krummrich Plant
By *[Signature]*

MATERIAL

AROCLOR 1260

ELECTRICAL GRADE

CHEMICAL FORMULA

Based on Organic Sales
Specification issued 6-5-57

Mixture

MOL. WT.

SUPERSEDES SPEC. OF

New

SAMPLE FOR ANALYSIS

3 x 5 pt. Amber Bottles

UNCLASSIFIED SPECIFICATIONS

Routine Tests

<u>Property</u>	<u>Specification</u>	<u>Method No.</u>
Color (APHA)	150, Max.	10, 084
Condition	Clear	10, 084
Specific Gravity @ 90/15.5°C	1.555-1.566	10, 114
Acidity (mg KOH/g.)	0.014, Max.	10, 087
Moisture (H ₂ O) (ppm)	35, Max.	10, 620
Viscosity @ 210°F (SUS)	72-78	10, 086
Refractive Index @ 25°C	1.6455-1.6470	10, 125
Inorganic (Free) Chlorides	No detectable amt.	10, 118
Pour Point (°C)	25-34	10, 115
Distillation Range		10, 117
(ASTM D-20, Corrected)		
10% Distilled by wt.	385-398°C	
50% Distilled by wt.	390-404°C	
90% Distilled by wt.	400-420°C	
Corrosion Test		10, 126
(6 hrs. @ 210°C with bright aluminum foil)		
Change in weight of Al (%)	0.0	
A. C. Color (APHA)	150, Max.	10, 084
A. C. Condition	Clear	10, 084
A. C. Acidity (mg KOH/g.)	0.014, Max.	10, 087
A. C. Inorganic (Free) Chlorides	No detectable amt.	10, 118
<u>General Test (made only on request)</u>		
Flash Point	None	10, 123
Fire Point	None	10, 123
Fixed Chlorine (%)	59.5-60.5	10, 088
Dielectric Strength @ 50°C	30 K. V., Min.	11, 605
Resistivity	500, Min.	11, 607
(500 VDC @ 100°C, 0.1" gap as ohm-cm. x 10 ⁹)		
Dielectric Constant	3.6-3.8	11, 608
1000 cycles, 100°C		

(Over)

0259814

HARTOLDMON0004973

GENERAL INFORMATION

<u>Property</u>	<u>Specification</u>	<u>Method Number</u>
Evaporation Loss after 6 hrs. at 100°C. (%)	0.2, max.	10,116
Stability test - after 30 days at 100°C. in glass sealed in air	No liberation of chlorine or chlorides	-----

This specification is the
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Chemical Co., and is in-
tended for Internal Use Only.