Monsanto Chemical Company

ORGANIC CHEMICALS DIVISION

SPECIFICATIONS FOR PRODUCTS

Product No. A-246 **Sales Code No.** 1040-360-75-03 **Date** 8-27-41

Name AROCLOR, G.E. NO. 1488 - PYRANOL - (60% AROCLOR 1260 - 40% TRICHLORBENZENE)

Chemical Formula Mixture **Mol. Wt.**

Supersedes Specifications of New **Approved** SC JLH LAW MJW

PROPERTY	SPECIFICATION	METHOD NUMBER
Appearance and Color	Light yellow oily liquid APHA 150 Max.	10,084 - 40
Condition	Clear	10,084 --40
Specific Gravity at 15.5/15.5°C.	1.560 - 1.568	10,114 - 40
Acid Number (mg NaOH/gr.)	0.01 Max.	10,087 - 40
Inorganic Chlorides	0.000015% Max.	10,118 - 40
Viscosity - 37.8°C.(100°F)	52.0-56.0 Secs.Saybolt	10,086 - 40
Dielectric Constant 100°C.	1000 cycles 3.8 - 4.1	10,119 - 40
Resistivity 100°C. 500 volts	25 x 10^9 ohm/cm^3 Min.	10,120 - 40
Dielectric Strength - 25°C.	30 K.V. Min.	10,122 - 40
Refractive Index @ 25°C.	1.6137 - 1.6157	10,125 - 40
Distilling Range: (corrected)		10,117 - 40
First Drop	200°C. Min.	
Below 270°C.	40% Max.	
90%	395°C. - 410°C.	
Pour Point (ASTM)	-32°C. Max.	10,115 - 40
H_2O	0.0035% Max.	10,620 - 41
Corrosion Test: Loss in weight of bright aluminum foil after 6 hours refluxing.	None	10,126 - 40
Inorganic Chlorides*	0.000015% Max.	
Acid Number*	0.01 Max.	
Condition*	Clear	
Color*	APHA 400 Max.	

SAMPLE FOR ANALYSIS - 1 x 3 gal. Wheeling Can

NOTE:
Specific Gravity changes 0.0011 per °C. (10 - 30°C.).

DSW 330936

Special Specifications: Tested only on request

Electrical Stability	No loss in R at 100°C. for 96 hours.	10,121 - 40
Composition TCB	39.0 - 41.0%	10,670 - 41
Total Cl	59.1% Min.	10,088 - 40
Burn Point	None to B.P.	10,123 - 40
Arc Formed Gas	1.0% Max. Total Combustible	10,711 - 41

* After 6 hours refluxing.

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