Monsanto

FROM (NAME & LOCATION) J. R. Kuster - WGK

DATE August 5, 1971

SUBJECT Aroclor "Clean Room"
Status Report No. 2

REFERENCE Kuster's memo to
Savage 6/1/71

TO : J. R. Savage - B228N

CC: W. R. Richards - T380
R. H. Munch - JFQ
A. E. Leisy
W. C Engman
E. E. Stewart
R. McCutchan
R. M. Blowers

In our reference memo we pointed out the difficulties encountered in making resistivity measurements. This situation has been corrected and we are now capable of making electrical property measurements on Aroclors by the new method designed by R. H. Munch on a routine basis.

To date we have made these measurements on Aroclor 1242 only. Listed are data based on measurements made on 95 tank car samples of 1242.

	Resistivity(1)	% Power Factor @60 cycles(2)
Average	412,947 X 10^9	0.108
Low	95,540	0.024
High	1,230,715	0.642 (2)
Standard Dev	± 263,859	± 0.083

(1) On the distribution ~80% of the results were below 655,000 X 10^9
~50% " " 420,000 X 10^9

(2) Next highest was 0.28%
90% of the results were less than 0.20%

J. R. Kuster

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