Monsanto

FROM (NAME & LOCATION) Sam Drexler - WGK

DATE March 1, 1971

SUBJECT Infrared Analysis of Aroclor 1242

REFERENCE

cc: R. Blowers
H. Horner
R. Munch - So. 2nd
R. McCutcheon

TO : Ron Kuster

Differential IR analyses were performed on a number of shipments of electrical grade Aroclor 1242 to General Electric Co. Two areas of absorption reported by G.E. on two samples were observed on all the samples checked. The significance of these peaks in regard to electrical properties is not known to us, however, it should be noted that they do represent some difference in quality as compared to the reference material, KM-488 (7-1-70), MONX 8610.

Shipment	Relative Absorbance (1) 7.47 u	8.53 u
KA-408, MONX 8618, 1-18-71 (2)	.032	.024
KA-412, MONX 8605, 1-24-71	.020	.017
KA-414, MONX 8604, 1-28-71 (2)	.041	.042
KA-418, MONX 8603, 2-6-71	.019	.024
KA-419, MONX 8624, 2-10-71	.029	.028
KA-430, MONX 8606, 2-23-71	.045	.046

(1) Cell path length = 0.105 mm
(2) Confirms G.E. report

SD

Sam Drexler,
AR&D

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