MONSANTO COMPANY

№ 1755196

SUBJECT

DK

JOB NO.	PREPARED BY (SIGNATURE)	DATE
048706	Paul W. May	29 MAY 81

Dielectric Constant measured on the following at 23°C

	Cell	KC	Reading	DF	DK
DOP	(5)	1	377.2	.0003	5.15
Ashland		10	377.4	.0007	5.18
12/10/79		100	377.9	.0056	5.18
Santicizer 900D		1	338.7	.0004	4.76
6/5/80	(6)	10	338.9	.0001	4.76
		100	339.5	.0056	4.79
Santicizer 97A		1	309.2	.0002	4.10
QI 03911	(7)	10	308.8	.0002	4.09
6/19/80		100	309.0	.0027	4.12
		1	351.1	.0005	4.66
DINP (Exxon)	(5)	10	348.7	.0001	4.63
2/5/81		100	349.1	.0054	4.63
		1	365.9	.0100	5.31
Jayflex 77		10	365.5	.0009	5.30
(Exxon)	(6)	100	366.5	.0070	5.34

Added to my [illegible]

Constants		A	B
(5)	1	106.6	52.5
	10	106.8	52.2
	100	106.3	52.4
(6)	1	104.2	49.3
	10	104.1	49.3
	100	103.7	49.2
(7)	1	104.2	50.0
	10	104.2	50.0
	100	104.0	49.8

$$DK = \frac{\text{Reading} - A}{B}$$

DSW 587302

READ AND UNDERSTOOD BY

STLCOPCB4092638