

S. S. Michels

August 25, 1964

M. Glock 13

222 Poly Scrapings

Per your request the 222 poly scrapings have been analyzed similar to the 435 and 101E1F-12 reported 8-19-64.

Resin	222
Source	Poly 10 Bldg. 15 8-20-64
Heat Loss	41.7%
pH (/gms/100 ml) 7 pH water)	6.8 (10.8 gms/100 ml)
Acid as HCl, ppm	0.2
Dry Ice Distillation	0.5 ml Monomers/325 gms
Percent Monomer on wet resin	0.15

Gas Chromatograph GC2A Flame on Monomers

	<u>Mol. % of Monomer</u>	<u>% of Dry Resin</u>	<u>% of Wet Scrap</u>	<u>Ppm of Wet Scrap</u>
Vinyl Chloride	84.0211	.2180	.1260	1260.
Vinylidene Chloride	4.9698	.0129	.0075	75.
Methanol	2.8751	.0110	.0043	43.
cis 1-2 DiCl Et =	2.6019	.0075	.0039	39.
Ethyl Chloride	.5548	.0014	.0008	8.
1-2 EOC	.2945	.0008	.0004	4.
Dibethyl Acetal	.1658	.0004	.0003	3.
Several unknowns	.0003-	<.0001-	<.0001-	<1.-
	1.2300	.0032	.0019	19.

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RMS

cc: T. Bolly
R. R. Taylor

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