

INTER-OFFICE MEMO

TENNECO CHEMICALS, INC.

TO W.C. Champion AT Burlington
FROM H.R. Horton AT Burlington
SUBJECT 1730 Samples from Atomizer Evaluation

DATE January 18, 1974

COPY TO H.H. Duhamel
F.W. Kanzler
✓ File

A total of five samples of 1730 resin were submitted by Process Engineering for evaluation by Quality Control. These samples were taken from test runs to determine product quality at higher production rates through atomizers.

Tests run were Brookfield, Severs, Hegman and Haze/Gloss values. Results of these analyses, along with the estimated ranges of standard 1730 production and 1730 specifications, are attached.

Analysis of these samples would seem to indicate that, with the possible exception of Test #5, which showed a slightly higher Brookfield and Severs, none of the test conditions employed had any effect on the quality of the product.

H. R. Horton

Attachment.

HRH/jst

TABLE I

	<u>Test #1</u>	<u>Test #2</u>	<u>Test #3</u>	<u>Test #4</u>	<u>Test #5</u>	<u>1730 Norm</u>	<u>1730 Specification</u>
Brookfield	32	31	31	31	36	30-45	I 25-45 IS 25-55
Severs	190	165	177	181	218	125-225	I 140-340 IS 110-435
Hegman	7½	7½	7½	8	8	6-7*	No Spec
Haze	2.2	2.1	1.4	1.8	1.7	0.5-2.5	No Spec
Gloss 60°	86	82	90	84	84	75-90	No Spec

*Hegman is no longer run as a standard test; estimates are from
1970 production evaluations.

H.R. Horton
1/18/74

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