

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

to J.R. Gregor

At Piscataway

DATE May 22, 1974

FROM H. R. Horton

At Burlington

COPY TO W.C. Champion

F.W. Kanzler

File

SUBJECT Purchased Resins

Per your recent request, spot samples of both the Swedish 1760 and German 1755 dispersion resin were obtained from our warehouse and tested by Quality Control.

Results of these analyses showed no unusual variations from previously tested materials of these two types. The German 1755 type resin tested meets the Tenneco Grade I specifications with the exception of the methanol extractables which is slightly high.

The Swedish 1760 type resin tested falls within the previously established confidence limits for this type material.

Results of these analyses are attached along with the current Tenneco 1755 specifications and the established ranges for 1760.

H. G. L. L. L.

H. R. Horton

Attachments (2).

HRH/jst

TABLE I

	<u>Wacker P-70-E (1755)</u>	<u>Tenneco Specification</u>
Relative Viscosity	2.40	2.30 - 2.50
Brookfield (1 Day 20 rpm)	64	I) 45 - 70 IS) 35 - 80
Severs (100 psi)	201	I) 125 - 250 IS) 100 - 300
Volatiles	0.4	0.4 maximum
Heat Stability	10	7 minimum
*Clarity	1 Grain 2	3 maximum
Air Release	1½	11 maximum
Flakes/Strands	Slight Grit	1 Flake/Strand maximum
Contamination	0/0	3 large/5 small maximum
Wettability	Pass	Pass
**Methanol Extract	1.2	1.0 maximum

*Clarity is slightly worse for graininess than our normal 1755.

**Methanol extract is 0.2% above maximum Tenneco specification.

TABLE II

	<u>Kema-Nord PE-712 (1760)</u>	<u>Established Ranges</u>
Relative Viscosity	2.42	2.42 - 2.49
Brookfield (1 Day 20 rpm)	142	129 - 202
Severs (100 psi)	106	83 - 136
Volatiles	.16	0.3 maximum
Heat Stability	10	8 minimum
Clarity	2 grain 2	
Air Release	2½	
Flakes/Strands	OK	1 Flake/Strand maximum
Contamination	0/0	3 large/5 small maximum
Wettability	Pass	Pass
Methanol Extract	1.1	

Note: No ranges were established for Clarity, Air Release or Methanol Extractables, but these results are typical of previously tested material.

FROM

A.C. Siegel

RETURN TO

W.C. Champion

SUBJECT

DATE 5 / 21 / 74

MESSAGE

Off-color resin production will be noted on the Daily Quality Control Report sheets. No additional method of advising Marketing of this property will be used at present.

RETURN TO →

SIGNED

*W.C. Champion (jt)***REPLY**

SIGNED

DATE / /

Rediform® 4S 471

Poly Pak (50 sets) 4P 471

SEND PARTS 1 AND 3 WITH CARBON INTACT. - PART 3 WILL BE RETURNED WITH REPLY.

COLORITE 012721