

INTER-OFFICE MEMO

TECHNICO CHEMICALS, INC.

TO Route List

AT

DATE January 17, 1972

FROM H.B. Carr

AT Burlington

COPY TO File

SUBJECT Dispersion Resin Specifications

Revised Dispersion Resin Specifications are attached. The specifications were reviewed and agreed to in a meeting held in Burlington on 1/11/72 with those asterisked on the route list in attendance.

The specifications are based on Quality Control's statistical determination of process capability and Marketing/Technical Service's review of resin shipped to the market over the past year. The process capability study was based on a treatment of individual test data points rather than lot averages which was the basis of previous treatments. This approach was adopted to reflect a more realistic and accurate assessment of the process variance.

It will be noted that the grade I classification has been restructured by the addition of a grade IS category. As in the past, grade I resin may be shipped to any account without restrictions. The IS category denoted resin that will be SELECTED (dispositioned) by Technical Service and/or Marketing for shipment to accounts with special requirements. As it has been done previously, E grade resin also will be dispositioned by Technical Service and/or Marketing. While the grade IS category credits the plant with resin that is saleable as prime grade, it is understood that the target and goal is to achieve a process capability that consistently produces grade I resin.

Another significant change in these revised specifications is that individual pallets showing greater than +30 pounds deviation from the AR901 target addition and/or +25% deviation from the Tridecanol target addition will be grade IS.

The specifications will be reviewed on a continuing basis as process capability and the definition of field requirements dictate.

H.B. Carr
H.B. Carr

Attachment.

HBC/jt

Route List

L.M. Alter	G.E. Disch	F.W. Kanzler	P.R. Scarito
D.M. Bartron	J.C. Fisher	*D.J. Kryzwicki	*A.C. Siegel
*C.H. Brower	C.J. Gallagher	*G.W. Leach	D.I. Smalley
R.T. Buesko	*J.R. Gregor	*R.H. Mathis	M.C. Spalding
*H.B. Carr	D.A. Guarino	L.T. O'Brien	A.M. Taranto
W.C. Champion	H.R. Horton	*R.D. Richards	*M.W. Williams
*R.S. Cole	*E.J. Hourihan	M. Rosen/J.F. Kilcullen	J.J. Zullo
K.J. Dacher	*E.L. Kanyok	G.I. Rozand	

COLORITE 016694

CONFIDENTIAL

TENNECO INTERMEDIATES DIVISION
DISPERSION RESIN SPECIFICATIONS

DATE: January 17, 1972

SUPERSEDES: Issue of January 13, 1971

Prod. Type	Series No.	Relative Viscosity	Brkfld. 1 Day 20 rpm	Severs 100 psi, max.	Vol. %, max.	Ht. St.	Gel Count, max.	Clar.	Flk/Str (b) per Pallet	Heg. min.	Cont., max. (a)	Air Rel., max.	Wett.	Bound Acet.	Mc ENR.
1716	90----	I 2.30-2.50 IS 2.25-2.55	I 20- 40 IS 18- 46	I 100-225 IS 50-275	1.2	8	-	3 max.	1	-	3 lg. 5 sm.	3	Pass	-	3.0
1730	80----	I 2.30-2.55	I 30- 50 IS 25- 55	I 200-400 IS 160-475	0.5	8	18	3 max.	1	-	3 lg. 5 sm.	4	Pass	-	1.0
1732	92----	I 2.30-2.50 IS 2.25-2.55	I 30- 60 IS 25- 70	I 55- 95 IS 40-100	1.2	8	-	3 max.	1	-	3 lg. 5 sm.	3	Pass	-	3.0
1737	84----	I 2.85-3.10	I 25- 40	I 225-425	0.3	8	-	3 max.	1	-	3 lg. 5 sm.	4	Pass	-	1.2
1738	94----	I 2.85-3.10	I 25- 50 IS 20- 65	I 50- 90 IS 40-110	1.2	8	-	3 max.	1	-	3 lg. 5 sm.	4	Pass	-	3.0
1740	81----	I 3.25-3.60	I 30- 50	I 225-400	0.3	8	-	3 max.	1	-	3 lg. 5 sm.	4	Pass	-	1.0
1742	93----	I 3.10-3.55	I 35- 65 IS 30- 75	I 55-100 IS 50-120	1.3	8	-	3 max.	1	-	3 lg. 5 sm.	4	Pass	-	3.0
1755	83----	I 2.30-2.50	I 45- 70 IS 35- 80	I 125-250 IS 100-300	0.4	7	-	3 max.	1	-	3 lg. 5 sm.	5	Pass	-	1.0
1757	87----	I 2.75-2.95	I 35- 65	I 125-250 IS 125-350	0.5	7	-	3 max.	1	-	3 lg. 5 sm.	5	Pass	-	1.0
0565	85----	I 2.30-2.50	I 80-125 IS 70-170	I 100-250 IS 100-360	0.7	8	-	3 max.	1	-	3 lg. 5 sm.	5	Pass	3.5-5.0	2.0
AR901	EM----	I 2.35-2.55	I 35- 60	I 45- 80	0.4	-	-	3 max.	-	4	3 lg. 5 sm.	-	-	-	-

NOTE: Any resin showing undesirable or unusual properties not listed above will be E grade and must be held for disposition.

Any pallet showing greater than +30 pounds deviation from the AR901 target addition and/or $\pm 25\%$ deviation from the Tridecanol target addition will be graded IS.

(a) No pallet to contain greater than 3 large or 5 small particles.

(b) Pallet checks showing one or more flakes, strands or hard particles are not to exceed 25% of the total pallets checked.

H.B. Carr
H.B. Carr
Supervisor - Quality Control

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