

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

TO Route List AT DATE February 16, 1972
FROM H.B. Carr AT Burlington COPY TO ✓ File
SUBJECT Copolymer Specifications

Revised Copolymer Specifications are attached. The specifications that have been revised are screens for 315 and 384. The 315 screen revision is required to reflect defined requirements at Columbia Records and Decca Records.

H. B. Carr

HBC/jt

Route List

L.M. Alter	E.L. Kanyok
D.M. Bartron	F.W. Kanzler
C.H. Brower	D.J. Kryzwicki
H.B. Carr	H. Landfield
W.C. Champion	R.H. Mathis
R.S. Cole	J.W. <u>McBroom</u>
K.J. Decher	R.D. Richards
G.E. Disch	G.I. Rozand
<u>J.C. Fisher</u>	P.R. Scarito
C.J. Gallagher	A.C. Siegel
P. Gawason	D.I. Smalley
J.R. Gregor	M.C. Spalding
D.A. Guarino	A.M. Taranto
H.R. Horton	M.W. Williams
E.J. Hourihan	J.J. Zullo
D. Johnson	

B. Johnson

CONFIDENTIAL

Date: February 16, 1972

Supersedes Issue of 11/11/71

COPOLYMER RESIN SPECIFICATIONS

Sales No.	Series No.	Formula No.	Relative Viscosity	Bulk Density	Heat Stab. (min.)	Vols. % (max.)	Cont. (max.)	Magnetic Count (max.)	% Light Absorb. (max.)	Total Acetate %	Dry Resin Flow	Screen (Cumulative)			
												+60	+80	+100	-200
14	60----	622	1.43-1.48	37-44	95%	1.9	25	-	100	13.5-15.5	Flow 2 Funnel	0-20	--	50-90	0-10
15	61----	360	1.53-1.58	37-44	95%	1.7	25	6(a)	100	13.7-15.7	Flow 2 Funnel	0-5	10-50	--	0-10
22	63----	601	1.89-1.96	38-45	90%	1.5	25	-	100	9.5-11.5	Flow 2 Funnel	0-20	--	20 min	0-10
34	64----	608	1.54-1.58	36-43	90%	1.3	25(b)	6(a)	--	13.3-15.3	Flow 1&2 Funnel	0-10	10-50	--	0-10
35	65----	612	1.54-1.58	36-43	90%	1.3	25(b)	6(a)	--	13.7-15.7	Flow 1&2 Funnel	0-10	10-50	--	0-10
58	70----	613	1.59-1.62	36-43	90%	1.3	25(b)	6(a)	--	13.7-15.7	Flow 1&2 Funnel	0-10	10-50	--	0-10
67	67----	276	1.69-1.74	38-44	90%	1.3	25(b)	-	--	DAR	Flow 1&2 Funnel	0-10	--	35-75	0-10
68	68----	592	1.57-1.61	38-45	90%	1.2	25(b)	6(a)	--	10.0-12.0	Flow 1&2 Funnel	0-10	10-50	--	0-10
69	69----	619	1.63-1.67	38-45	90%	1.2	25(b)	6(a)	--	11.5-13.5	Flow 1&2 Funnel	0-10	5-25	--	0-10
Sales No.	Series No.	Formula No.	Relative Viscosity	Color Equal/Better	Bulk Density (min.)	Heat Stab. (min.)	Vols. % (max.)	Cont. (max.)	PTU	Total Acetate %	Brkfld. 1 Day 20 rpm (max.)	Severs 100 psi (max.)	Screen (Cumulative)		
													+140	+200	+325
21	72----	607	1.95-2.05		33-41	DAR	0.9	30	17 max.	3.2-4.7	200	225	TR	5(c)	DAR(1)

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

- (a) Reported as average count per pound of drier samples. For internal plant control; not a grading specification.
- (b) No hard or foreign particle contamination permitted on record resins.
- (c) If greater than 5, run wet screen (0.5 max.).
- (d) Use following stack for screen analysis: 140, 200, 325 and Thru. Screen dryer samples and check for oversize with 100 mesh screen.

Reason for Revision: Screen on 315 and 384.

*H.B. Carr*H.B. Carr
Manager - Quality Control

COLORITE 016622