

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

TO Route List
 FROM H.B. Carr
 AT Burlington
 DATE March 1, 1973
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 SUBJECT Homopolymer Specifications

Revised Homopolymer Specifications are attached.

Based on an analysis of plant performance data and with the agreement of Manufacturing, Marketing and R&D, two new products have been added to the specifications: 10/5R and 300 resins.

The 10/5R resin replaces 10R and 11R and these products have been eliminated from the specifications. The fast dry blend time resin types 250-1 and 250-2 are included on the specifications but will be eliminated in the near future as per Marketing.

These specifications supersede those issued on 7/25/72.

H.B. Carr
 H.B. Carr (jt)

HBC/jst

Route List

L.M. Alter	F.W. Kanzler
D.M. Bartron	J.F. Kilcullen
C.H. Brower	D.J. Kryzwicki
H.B. Carr	H. Landfield
W.C. Champion	R.A. Lojewski
R.S. Cole	R.H. Mathis
K.J. Decher	J.W. McBroom
G.E. Disch	R.S. Miller
J.C. Fisher	L.T. O'Brien
M. Freifeld	P.M. Reed
C.J. Gallagher	R.D. Richards
P. Gawason	Dr. M. Rosen
J.R. Gregor	G.I. Rozand
D.A. Guarino	P.R. Scarito
H.R. Horton	A.C. Siegel
E.J. Hourihan	D.I. Smalley
C.B. Johnson	J.T. Sweeney
D. Johnson	A.M. Taranto
	J.J. Zullo

HOMOPOLYMER RESIN SPECIFICATIONS

Supersedes: 1948 1/25/1

Bulk Density (lb./ft. ³)	Cont. (max.) (h)	Mag. Count (max.)	Heat Stab. (min.)	Vols. % (max.)	Vol. Resist. (min.) (ohm-cm x 10 ¹²)	Screen (% Cumulative)			
						+60	+80	+100	+200
37-41	20	6(c)	90	0.9	--	0-Tr	--	0-20	0-2
32-36	20	--	90	0.8	--	0-5	--	40-70	0-5
30-34	10	--	+110	0.4	--	0-3	--	40-70	0-5
39-43	20	--	70	1.0	--	0-Tr	--	0-20	0-2
37-41	20	--	70	0.9	--	0-Tr	--	0-20	0-2
32-36	20	--	85	0.8	--	0-3	--	40-70	0-5
32-36	20	--	90	0.8	--	0-3	--	40-70	0-5
32-36	20	--	85	0.8	--	0-3	--	40-70	0-5
29-33	20	--	90	0.5	10	0-3	--	40-70	0-5
30-34	20	6(c)	90	0.4	10	0-5	15-35	150 min.	0-5
13) 30-70									
29-34	20	--	90	0.5	10	0-3	10-40	--	0-5
29-33	20	--	90	0.5	10	0-3	10-40	--	0-5
27-30	20	--	90	0.4	10	0-3	--	30-70	0-5
28-32	20	--	100	0.4	10	0-3	10-40	--	0-5
30-33	20	6(c)	90	0.4	1.0(f)	0-3	--	40-70	0-5
29-32	20	--	100	0.5	--	0-3	--	40-70	0-5

Heat Stab. (min.)	Vols. % (max.)	Cont. (max.) (h)	PTU	Brkfld. 1-Day 20 rpm (max.)	Severs 100 psi (max.)	Screen (% Cumulative)		
						+140	+200	+270
DAR	0.9	30	12 max.	125	125	Tr	5(g)	DV

listed above will be E grade and held for disposition. (a) Even series numbers at Flemington; odd (DAR for 150), (c) Reported as average count per lb. of dryer samples; material failing to meet this (d) Dry Blend 20%, (e) Reported as sq. root of number of gels/sq. inch, (f) Western Electric, (g) 10, 325 & Thru; if greater than 5, run wet screen (0.5 max.); screen dryer samples and check for (j) 1% solution in cyclohexanone @25°C, (j) Reported as sq. root of number of gels/100 sq. inch.

ated.

, Severs & 270 mesh screen on BR501.

H. D. Carr
H. D. Carr
Supervisor - Quality Control