

TENNECO CHEMICALS, INC.

A Major Component of TENNECO INC.



TENNECO PLASTICS DIVISION

P.O. Box 116, Burlington, N. J. 08016

August 22, 1969

Mr. J. C. Zawacki
Olivetti - Underwood
23 City Line Avenue
Bala Cynwyd, Pennsylvania 19004

Dear Mr. Zawacki:

Per our discussion on your visit to the Burlington Plant on 8/21/69, we have prepared a typical but time consuming problem for development of a program.

If you are able to develop a program for this problem, it will assist us in preparing a justification to purchase your Logos 328. If there are any questions, please feel free to contact me in Burlington.

Very truly yours,

TENNECO PLASTICS DIVISION
Tenneco Manufacturing Co.

H. B. Carr
H. B. Carr

HBC/rjl

Attachment

COLORITE 015932

QUALITY CONTROL MONTHLY SUMMARY REPORT

	<u>July, 1969</u>		<u>Year to Date</u>	
	<u>M Lbs.</u>	<u>%</u>	<u>M Lbs.</u>	<u>%</u>
G.				
I	7611.0	58.7	72127.0	70.7
II	5295.4	40.8	29596.2	29.0
III	67.2	0.5	320.0	0.3
Total G	<u>12973.6</u>	<u>100.0</u>	<u>102043.2</u>	<u>100.0</u>
Sp. P.	<u>3803.0</u>	<u>--</u>	<u>12224.0</u>	<u>--</u>
Total	16776.6	--	114267.2	--

	<u>July, 1969</u>		<u>Year to Date</u>	
	<u>M Lbs.</u>	<u>%</u>	<u>M Lbs.</u>	<u>%</u>
Plant "A"				
I	1877.1	56.2	26387.9	79.8
II	1441.0	43.2	6543.3	19.8
III	20.2	0.6	123.5	0.4
Total G	<u>3338.3</u>	<u>100.0</u>	<u>33054.7</u>	<u>100.0</u>
Sp. P.	<u>2088.8</u>	<u>--</u>	<u>6762.1</u>	<u>--</u>
Total	5427.1	--	39816.8	--
Plant "B"				
I	2503.9	70.3	19720.7	78.8
II	1011.2	28.4	5215.5	20.8
III	47.0	1.3	100.1	0.4
Total G	<u>3562.1</u>	<u>100.0</u>	<u>25036.3</u>	<u>100.0</u>
Sp. P.	<u>352.7</u>	<u>--</u>	<u>2308.7</u>	<u>--</u>
Total	3914.8	--	27345.0	--
Plant "C"				
I	2583.8	65.8	20835.1	69.8
II	1342.4	34.2	9015.1	30.2
III	0.0	0.0	0.0	0.0
Total G	<u>3926.2</u>	<u>100.0</u>	<u>29850.2</u>	<u>100.0</u>
Sp. P.	<u>951.9</u>	<u>--</u>	<u>2364.0</u>	<u>--</u>
Total	4878.1	--	32214.2	--
Plant "D"				
I	646.2	30.0	5183.3	36.8
II	1500.8	70.0	8822.3	62.6
III	0.0	0.0	96.4	0.6
Total G	<u>2147.0</u>	<u>100.0</u>	<u>14102.0</u>	<u>100.0</u>
Sp. P.	<u>409.6</u>	<u>--</u>	<u>789.1</u>	<u>--</u>
Total	2556.6	--	14891.1	--

PLANT "A"

Resins G.	Total M Lbs.	I		II		Reason for II	III		Reason for III
		M Lbs.	%	M Lbs.	%		M Lbs.	%	
A	85.7	0.0	0.0	85.7	100.0	D.B.	0.0	0.0	
B	1185.0	443.8	37.5	91.9	7.8	V.	6.8	0.5	V.
				97.2	8.2	D.B.			
				337.8	28.5	S.			
				207.5	17.5	H.S.			
C	866.7	564.5	65.1	54.6	6.3	G.	13.4	1.5	C.
				104.5	12.1	S.			
				129.7	15.0	D.B.			
D	1200.9	868.8	72.3	27.0	2.2	G.	0.0	0.0	
				45.1	3.8	D.B.			
				260.0	21.7	S.			
Total G.	3338.3	1877.1	56.2	1441.0	43.2		20.2	0.6	
Sp.									
P.									
CD	430.2								
CE	631.2								
CF	156.5								
CG	638.8								
CH	186.2								
CI	15.7								
CJ	24.6								
CK	5.6								
TOTAL	5427.1								

COLORITE 015935

PLANT "B"

Resins Graded	Total M Lbs.	I		II		Reason for II	III		Reason for III
		M Lbs.	%	M Lbs.	%		M Lbs.	%	
E	200.0	200.0	100.0	0.0	0.0		0.0	0.0	
F	62.0	0.0	0.0	62.0	100.0	S.	0.0	0.0	
G	9.0	4.0	44.4	5.0	55.6	C.	0.0	0.0	
B	1318.3	1118.3	84.8	60.0	4.6	G.	0.0	0.0	
				70.0	5.3	S.			
				70.0	5.3	S.,G.			
H	778.9	421.5	54.1	58.0	7.4	G.	47.0	6.1	C.
				191.1	24.5	D.B.			
				61.3	7.9	C.			
I	1048.5	760.1	72.5	70.0	6.7	D.B.	0.0	0.0	
				9.9	0.9	R.V.,G.,DB,V			
				208.5	19.9	G.			
J	145.4	0.0	0.0	145.4	100.0	M. R.	0.0	0.0	
Total G.	3562.1	2503.9	70.3	1011.2	28.4		47.0	1.3	
SP. P. CG	352.7								
TOTAL	3914.8								

COLORITE 015936

PLANT "C"

Resins Graded	Total M Lbs.	I		II		Reason for II	III		Reason for III
		M Lbs.	%	M Lbs.	%		M Lbs.	%	
K	857.5	472.9	55.1	39.5 257.3 87.8	4.6 30.0 10.2	C. B.D. S.	0.0	0.0	
L	1833.8	961.6	52.4	351.9 294.0 50.3 176.0	19.2 16.0 2.7 9.7	S. S., BD C., BD BD	0.0	0.0	
M	435.3	349.7	80.3	85.6	19.7	C.	0.0	0.0	
N	86.0	86.0	100.0	0.0	0.0		0.0	0.0	
O	713.6	713.6	100.0	0.0	0.0		0.0	0.0	
Total G.	3926.2	2583.8	65.8	1342.4	34.2		0.0	0.0	
SP. P.									
BB	294.7								
BC	212.0								
BD	344.0								
BE	34.0								
BF	67.2								
TOTAL	4878.1								

COLORITE 015937

PLANT

Resins Graded	Total M Lbs.	I M Lbs. %		II M Lbs. %		Reason for II	III M Lbs. %		Reason for III
				PLANT "D-1"					
				144.0	39.3	S.			
				144.0	39.3	R.V., S.			
				28.8	7.8	R.V.			
P	366.8	0.0	0.0	50.0	13.6	B., S., R.V.	0.0	0.0	
				72.0	33.3	R.V.			
Q	216.0	0.0	0.0	144.0	66.7	S., B.	0.0	0.0	
				64.0	22.4	R.V.			
				4.0	1.4	B., RV, S.			
				72.0	25.4	B, R.V.			
R	284.0	0.0	0.0	72.0	25.4	B., S.	0.0	0.0	
				72.0	25.4	B.			
D-1									
S. Total	866.8	0.0	0.0	866.8	100.0		0.0	0.0	
SP. P.									
AA	91.6								
				PLANT "D-2"					
P	72.0	0.0	0.0	72.0	0.0	S.	0.0	0.0	
Q	214.2	214.2	100.0	0.0	0.0		0.0	0.0	
R	144.0	144.0	100.0	0.0	0.0		0.0	0.0	
				104.0	12.2	B.			
				72.0	8.5	B., S.			
S	850.0	288.0	33.9	386.0	45.4	B., R.V.	0.0	0.0	
D-2									
S. Total	1280.2	646.2	50.5	634.0	49.5		0.0	0.0	
D-1 & D-2									
Total G.	2147.0	646.2	30.0	1500.8	70.0		0.0	0.0	
G. Pending									
D-1 P	160.0								
G. Pending									
D-2 R	158.0								
D-1 & D-2									
Total P.	2556.6								

COLORITE 015938