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CONFIDENTIAL

Philadelphia Laboratory
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 ROOM D-8028
 WILMINGTON

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W-28 "TIPURE" B-110
MEMO. REPORT NO. W-287

This letter will supplement our Memorandum Report W-287 of February 15th. In this report it was recommended that the laboratory findings be confirmed by full scale plant grinds.

Inasmuch as the base 32-10368 is produced primarily at Toledo it is suggested that the plant grinds be made at that plant. The formulas developing the optimum gloss include a "46 Process" pebble mill grind and a two stage "47 Process" grind. Grinding compositions and directions are as follows:

"46 Process"

RL-484	3.0	Add-Grind 60/70
H-583	15.8	
H-12	3.7	30,000 cycles (estimated)
W-28	70.0	
RL-484	7.5	Add-Spin
		1000 cycles - Drain
100.0		

"47 Process"

RL-484	3.0	Add to tank
H-583	15.8	Mix 5 min.
H-12	3.7	
W-28	70.0	I - Add with stirring
Grind 30-40 gal./hr. - 1 pass		
RL-484	7.5	II- Add to tank with Part I.
Grind 50-60 gal./hr. - 1 pass		
100.0		

It will be noted that these two formulas involve no deviation from the current overall 32-10368 composition; hence, no enamel revisions will be necessary. Since these grinds are based on laboratory experience, some adjustments in cycles or grinding rates may be necessary.

If you require further information on this matter kindly advise.

PHILADELPHIA LABORATORY


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