

Mr. S. B. Coolidge, Jr., Cleveland

Chicago

Auxiliaries Research

Coffeyville, Kansas

Ozark Smelting and Mining Co.

August 7, 1951

2185 Dry R7 Grind

C. E. Deeds

E. T. S.

AUG 8 1951

I explained, in my letter of July 27, that Chicago was having trouble grinding Super Kem-Tone to obtain the desired gloss and fineness of grind. They attribute this to the Lithopone--particularly due to the fact that they are now using 300# Lithopone per 100 gallons instead of 75# per 100 gallons.

In order to check whether or not the regular 2185 was definitely the cause of this, I suggested to the Emulsion Department that they try out R7 grind, with the idea in mind that they would get a 50# sample or so and make the trial. However, they suggested "let us give it a real trial and order a carload of R7" and this is the way it was left with Messrs. Kehr and Gram. However, when Mr. Gram placed the order for the R7 he placed the whole August requirements for this grade, instead of placing the order for one car of 2185 R7. I discussed this with him and he agreed at that time to limit it to one car for trial. However, apparently Coffeyville, based on some past experience, was unwilling to make the change on their order to the regular 2185 without approval from Cleveland. In the absence of Mr. Gram, I again checked with Mr. Kehr and asked him to notify Mr. Dobie to make the change to include only one car of R7. This was agreeable with Mr. Dobie and he did that by 'phone today.

I know that R7 grind will slow production down slightly, but in order to try to correct the situation here at Chicago in grinding, I thought it wise to make a trial run. Frankly, we are faced with a loss of 2185 business in Super Kem-Tone unless our texture is kept up to par. Titanium is loosening up again and if this texture problem continues, we may lose Lithopone completely from Super Kem-Tone formula and not just back to what it was before the emergency. I personally feel, therefore, that we should do whatever we possibly can at Coffeyville, consistent with production, to keep the texture up to standard. If R7 grind is the answer to this, and if we hope to keep the business, I think we will have to go to a grind comparable to that unless wet milling can off-set the dry grinding.

Mr. Kehr is anxious for us to test the texture of the R7 grind versus the regular production of 2185 and I am rather anxious to receive from Mr. Boehmer 5# sample of their 2185 R7 grind which they shipped to Chicago together with a sample of their regular 2185. We will make the comparison of these samples against a grab sample of 2185 from the Chicago plant, which Mr. Kehr claims is hard to grind. In fact, he feels that all

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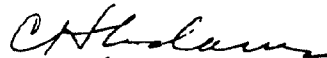
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Mr. J. B. Deeds

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the shipments are hard to grind in Super Kem-Tons. Will you, therefore, please see that we get the 5# sample of each of the above as soon as possible so that we can check to see what we need to do at Coffeyville to hold on to this business?



C. H. Adams
Mineral Products Laboratory

CHA:js

cc: JBB SBC, Jr. ETS

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