

Inter-Office Memo

TENNECO CHEMICALS, INC.

To	W. D. Wesely	At	Flemington	Date	July 17, 1969
From	H. B. Carr	At	Burlington	Copy to	H. H. Duhamel J. C. Fisher D. Johnson E. L. Kanyok P. R. Scarito M. W. Williams File ✓
Subject	Record Resins Project No.: 30-008				

Quality Control considers that the absence of hard particles in record resins is a critical requirement. As you know, Quality Control screen tests a sample from each hatch of a bulk truck for oversize prior to release. A 35 mesh screen and approximately 1/2 pound of resin are used for this purpose.

Over the past three months, Quality Control has, on occasion, found oversize on Columbia 385 copolymer bulk shipments. In one case, bulk shipment 273 on 4/18/69, Quality Control rejected the shipment for ivory-type particles and advised Production to rescreen the material. In another case, bulk shipment 315 on 5/6/69 Quality Control held the shipment for 2 - 3 hours until Customer Service Laboratory was advised and the shipment released. In this case, the test showed hard oversize particles but these particles, unlike ivory, compressed under spatula pressure. This situation has repeated on 7/17/69, bulk shipment 472.

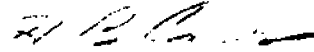
The question, Bill, appears to be one of defining what is meant by "hard". Note that the specifications read "No hard or foreign particle contamination permitted on record resins". Since this problem involves a definition of the customer needs and the requirements of our resin to meet these needs, Customer Service Laboratory is requested to review once again, the problem of hard particle contamination and recommend to Quality Control the appropriate action to take which should include:

1. A definition of hard particles. Various sample exhibits would be appropriate.
2. A test method that is definitive in determining item 1.
3. The level of these particles that can be tolerated.

COLORITE 016001

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Based on your recommendations and especially considering requirement item 3, Quality Control will increase the sample size and frequency as required.


H. B. Carr

HBC/rjl