

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

TO Route List AT DATE June 6, 1972
 FROM H.B. Carr AT Burlington COPY TO Distribution
 SUBJECT 16RP Specifications (Flemington Plant) Listed Below

Homopolymer specifications are currently under review and will be revised based on process capability and field requirements. In the interim, PVC 16RP has been AMP'd by Process Engineering and, as agreed with Manufacturing, R&D and Marketing, tentative specifications will be shown below:

<u>Properties</u>	<u>Tentative Specifications</u>
Relative Viscosity	2.14 - 2.21
Gel Count	13 max.
Sigma Head Dry Blend Time	6.0 - 8.0
Loose Bulk Density	32.0 - 36.0
Particle Size	
+60 mesh	0 - 5
+100 mesh	40 - 70
-200 mesh	0 - 5
Contamination	20 max.
Heat Stability	90 min.
Volatiles	0.4 max.

Series Number 20----

H.B. Carr
 H.B. Carr

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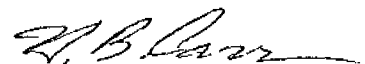
INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO M.W. Williams AT Flemington DATE June 6, 1972
FROM H.B. Carr AT Burlington COPY TO F.W. Kanzler
J.W. Poarch
SUBJECT Cal Ink Division ✓ File
Metallic Removal Device

As you requested, I called Nelson Beaudet on 6/2/72 to obtain some information on their metallic removal device. As Nelson related, the Cal Ink Division has had problems with metallic particles in the range of 50 microns and higher in news ink (scratching rotogravure rollers).

They have successfully commercialized a prototype of a lab scale ferro magnetic particle separator. The equipment simply described, for which Cal Ink will submit a patent, involves changing the windings on the stator of the motor to transverse windings such that flux lines at right angles to a flow pattern result. Iron balls are utilized to provide adjustable interstitial spacing depending on the material from which metallics are to be removed. In our case, Nelson feels that we would have to open up the spacings for resin flow. As an added note, the mechanism has a convenient degaussing provision such that the unit may be backflowed to remove metallics.

Nelson will forward to us a lab prototype, together with prints, for our review and lab scale evaluation. He hopefully will send these out this week.


H.B. Carr

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