

1. Raw Material - 38-27E

Rubber Particles (Tire Peels)

There are no noticeable differences in the particle size covering the 1976-1979 time period, with the material being a basic +60 mesh particle within a range of 75-95%. The material runs at average of approximately 78% +60 mesh.

There is a noticeable difference in the acetone extract which has an upper limit of 18%. The extract is reported as average 12% for 1976, whereas today's material analysis is at a steady 16-17%. The difference can be attributed to changes in the tire industry.

Resin and Associated Curing Agents

Screen analysis upper limit of 10% +325 mesh is well within the spec. for the time period 1976/79. The melting point of this resin with a spec. range of 82-93°F has been reported as a steady 88-89°F for the period 1976-1977. 1978/1979 melt point data is more erratic and varies between 82-90°F.

The hot plate cure time spec. 20-40 sec. is much more stable for the last two years at approximately 35-37 sec., then was reported for the 1976/77 period which used a range of 26-38 sec.

Organic Modifiers

Same material as formula 734-161.

Inorganic Ingredients

Asbestos: Two different grades, 4 suppliers show no problems whatsoever in the particle size ranges with all material being a -4 mesh fiber.