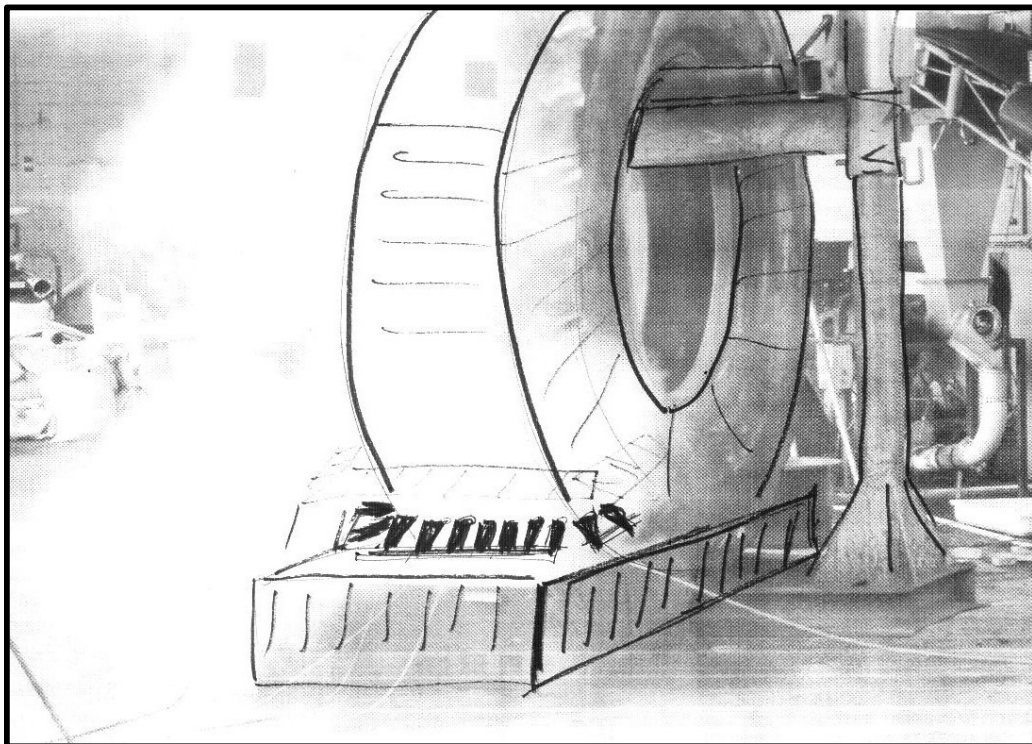


B.T.R.C.

**OTR R53 - R63 pulverization**

**Full Recycling**



# B.T.R.C.

## Recycled steel cord and bead wire:



Steel cord



bead wire

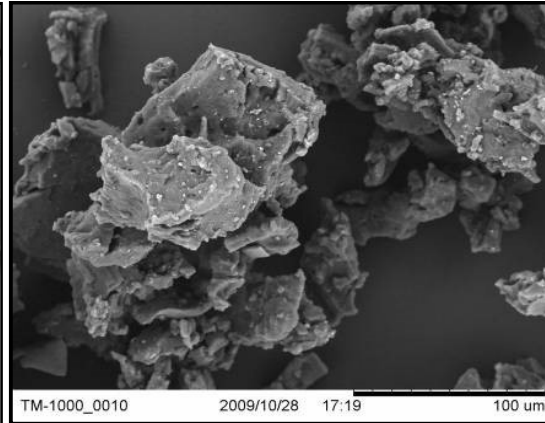
## Pulverized rubber powder:

Reclaim quality, P.A.R. - Physically Active Rubber.

This is a special program for any EOL OTR recycling, using UHP water jetting of 4.200 bar with rotojetters @ 3.000 rpm to pulverize EOL rubber directly into reclaim powder of less than 400µm (40 mesh) ready to be re-vulcanized on its own or in new compounds @ more than 50phr.



Reclaim powder less than 400µm



SEM @ 1.000 X

## General EOL rubber recycling.

BTRC developed a UHP water jetting technical report for EOL rubber products e.g. OTR's from dia 1.4m to dia 4m, tracks, steel cord conveyors, fenders, oil hoses, dredging pipes, etc.

The engineering covers also a theoretical research to determine the physical issues of the de-vulcanisation process and the 8 papers on the fluid mechanics of the water and the 10 issues of the feeding water.

This UHP water jetting process is also applicable on any other solid rubber product pulverizing the rubber and cleaning the steel parts.  
The technical description has been recorded in a 320 page document.

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