

## **Patented Process for Upgrading Carbon Black and Fillers from Scrap Tires Allows Automotive Industry to Meet Recycled Content Objectives**

*A successful production run converting raw pyrolysed carbon rich char into a reinforcing black filler with improved performance characteristics for blending with commercial grades of carbon black for use in automotive rubber parts.*

([PRWEB](#)) November 21, 2002 -- At the Carbon Black World 96 conference a CBp patented process to convert the raw pyrolysis char from scrap tires and rubber into a reinforcing filler with tensile properties between the N700 and N900 series carbon blacks, "A Black Filler from Rubber Prepared from Tire Pyrolysis Char", was introduced by Bill Klingensmith, past president of the American Chemical Society Rubber Recycling Group.

Since then, this patented CBp technology successfully upgraded the tire pyrolysis char from many other scrap tire pyrolysis pilot projects, such as, Svedala/Metso Minerals, Impex/GWE Solutions and Coalite Tyre Services says the inventor, John H. Fader.

A recent production process test run of 2 tonnes per hour from the Coalite pyrolysis plant in Bolsover, England indicated that the improved quality control and equipment could consistently produce a CBp grade that can also be blended with N600 series of prime carbon blacks. Coalite is presently producing 30 tons of raw pyrolysis carbon per week with a full-scale capacity of 18,000 tonnes per year.

Market prices for the CBp filler are estimated to be approximately 20% less than other carbon blacks. Since its abundant scrap tire raw material source is not dependent on the fluctuations of oil and gas costs, stable long term pricing can be assured.

Testing by the Akron Rubber Development Laboratory, BF Goodrich Laboratory and the Cooper Tire and Rubber Company show that CBp can have benefits in tire sub-treads, wedges and filler strips. It is also recommended for use in molded and extruded industrial rubber goods, sponge or anywhere a low cost semi-reinforcing carbon black is used.

The US patent rights are solely owned by Fader Technologies, LLC. Strategic alliances in marketing, distribution and licensee relationships are being solicited through its CBp Europe division.

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