# **DELTA-ENERGY**

A GREEN, ECONOMIC SOLUTION



Put simply...we recover chemicals from post-consumer scrap tire rubber



### Partnering with Delta-Energy means

- Lower raw materials costs
- Higher recycled content  $\rightarrow$  lower carbon footprint
- Excellent customer & technical service

### **DEPolymerization**<sup>™</sup>

- Unique → catalyzed, continuous and hundreds of degrees lower than typical pyrolysis
- Preserves surface area and structure of original carbon black



## Delta-Energy carbon finishing process

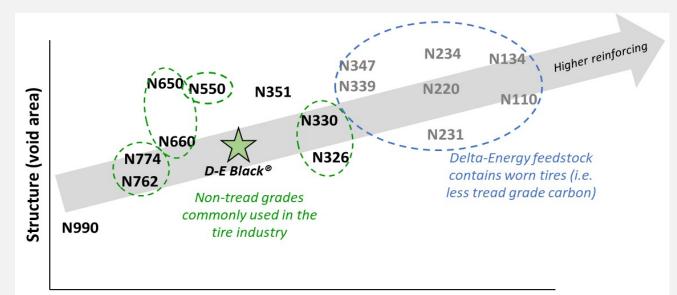
- Enables full access to the recovered carbon black surface
- Increased reinforcement and ultimate compound durability

The Delta-Energy finishing process allows our customers to take full advantage of D-E Black<sup>®</sup>



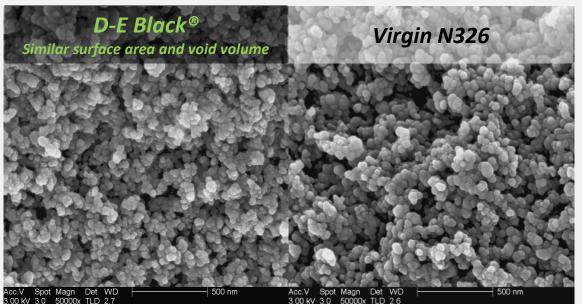
# **D-E Black<sup>®</sup>**

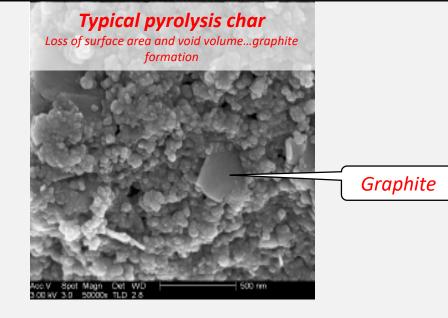




Primary particle size (surface area)

- D-E Black is a blend carbon black materials typically found in consumer tires
- Our low temperature DEPolymerization<sup>™</sup> process enables us preserve the original structure and surface area
- Colloidal testing is shown for illustration purposes
- Testing in your specific compound is required
  →Delta-Energy can provide guidance







- Delta-Energy offers sustainability and cost advantages to our customers
- Delta-Energy is actively building a diverse customer base in the tire and rubber industries
- Delta-Energy's D-E Black<sup>®</sup> is used in tire and other highly dynamic applications to displace virgin carbon blacks including N300, N500, N600, N700 series.
- Customer adoption of D-E Black<sup>®</sup> can require technical evaluation. Delta-Energy Application Guides are available at deltaenergy.com



### <u>Thank you!</u>

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