SYLVATRAXX™
TIRE PERFORMANCE ADDITIVES

KRATON
TRUSTED PARTNER TO TIRE AND RUBBER INDUSTRY

Kraton Corporation (“Kraton”, formerly known as Arizona Chemical) is a long term supplier to the Tire and Rubber industry, supplying products which improve tire performance and enhance the processing of tire compounds and rubber chemicals. Kraton is the global leader in pine-based bio-refining with over 80 years of experience and refines Crude Tall Oil (CTO), Crude Sulphate Turpentine (CST) and Limonene. Kraton has served the rubber industry for over 50 years and tire manufacturers for more than 25 years. Since 2000, Kraton has focused on the product development and application of Tread Enhancement Additives for wet grip enhancement and now supplies the majority of the leading tire manufacturers with consistent quality, high performance products.

Based on a foundation of internal raw material building blocks, augmented by external raw materials, Kraton offers a unique portfolio of natural, synthetic and hybrid products. These SYLVATRAXX™ products are tailored to provide excellent performance in tire applications.

In addition, Kraton is the inventor of Styrenic Block Copolymer (SBC) and has leadership positions in their chosen markets. Key product lines include high purity isoprene rubber, isoprene rubber latex, un-hydrogenated Styrenic Block Copolymers (USBCs) and hydrogenated Styrenic Block Copolymers (HSBCs). The combination of these technologies and products provides opportunities for more product and application development for the tire industry.

BIO RENEWABLE CONTENT

Most pine chemical products from Kraton have a high bio renewable content (BRC) by nature. While application performance is the main priority, Kraton offers a number of products that have a BRC between 40-60% (modified terpene) and 90-100% (polyterpene, treated rosin).
PERFORMANCE DESIGNED FOR TIRES

Tread Enhancement Additives are designed to positively influence the performance of the rubber compound in the final tire application. Tread Enhancement Additives typically have a strong positive impact on wet traction. Product and application development at Kraton are focused on achieving the optimal performance balance between wet traction improvement, rolling resistance and wear resistance. Process Enhancement Additives are designed and selected to allow for more effective processing of modern tire compounds containing state-of-the-art silanes with high silica loadings and latest generation rubber polymers.

RESEARCH AND DEVELOPMENT

Kraton offers dedicated tire-industry additive synthesis, rubber compounding and tread performance analysis capabilities to serve tire customers with product line and applications development support. Customer-focused teams work in close cooperation with tire manufacturers to select or develop products and to find the optimal performance balance using applications studies.

The Kraton Tires Team brings experience from tires, fillers, rubber polymers, coupling agents, tackifiers, resins, process aids, customer compounding, and specialty additives.
ABOUT KRATON CORPORATION

Kraton Corporation [NYSE “KRA”] is a leading global producer of styrenic block copolymers, specialty polymers and high-value performance products derived from pine wood pulping co-products. Kraton’s polymers are used in a wide range of applications, including adhesives, coatings, consumer and personal care products, sealants and lubricants, and medical, packaging, automotive, paving, roofing and footwear products. As the largest global provider in the pine chemicals industry, the company’s pine-based specialty products are sold into adhesive, road and construction and tire markets, and it produces and sells a broad range of chemical intermediates into markets that include fuel additives, oilfield chemicals, coatings, metalworking fluids and lubricants, inks, flavors and fragrances and mining. Kraton offers its products to a diverse customer base in over 70 countries worldwide.

SYLVATRAXX™

- Unique portfolio of natural, synthetic and hybrid products for tires
- Tread Enhancement Additives: focus on improving dynamic performance of tires
- Process Enhancement Additives: focus on improving the processing of tire compounds

GLOBAL FOOTPRINT

- Global Headquarters
  Houston, TX, USA
- Regional Offices
  Almere, The Netherlands
  Jacksonville, FL, USA
  Mumbai, India
  Paulinia, Brazil
  Shanghai, China
  Tokyo, Japan
- Manufacturing in North America
  Belpre, OH, USA
  Dover, OH, USA
  Panama City, FL, USA
  Pensacola, FL, USA
  Savannah, GA, USA
- Manufacturing in Latin America
  Paulinia, Brazil
- Manufacturing in Europe
  Berre, France
  Niort, France
  Oulu, Finland
  Gersthofen, Germany
  Wesseling, Germany
  Sandarne, Sweden
- Manufacturing in Asia
  Kashima, Japan (JV)
  Mailiao, Taiwan (JV)

www.sylvatraxx.com

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