



PRODUCTS FOR RUBBER AND SILICONE

Dar-tech, Inc distributes specialty chemicals and raw materials from its global network of suppliers that are used to compound, process and test various rubber and silicone compounds. These products enhance the processability of rubber compound and performance of articles fabricated from it.



MEET OUR SUPPLIERS

BLACHFORD

Calcium Stearate and Zinc Stearate that act as process aids and anti-caking additive. These are suitable for 21CFR FDA indirect food contact and NSF applications.

BORICA

Tytan® Titanate coupling & dispersing agent that allows higher filler loading without sacrificing mechanical strength.

BURGESS PIGMENT

Burgess Pigment is a manufacturer of hydrous and anhydrous kaolin for industry. Calcined kaolin options, as well as flash calcined kaolin grades are available. Kaolin products provide increased strength and endurance in various polymers. Kaolin helps regulate curing rates, producing more consistency, increased strength, endurance in various polymers and increasing resistance to tears.

BYK INSTRUMENTS

Equipment for color measurement and microscopes.

CHEMOURS

A large portfolio of Ti-Pure® Titanium Dioxide products to solve your color, opacity and weatherability design issues.

COVIA

MINBLOC® anti-blocking agents and thermal fillers. HIFILL® Calcium Carbonate and HIFILL N® Nephylene Syenite, a performance filler that is popular with HCR Silicone compounders as a filler, since it allows for formulation cost reduction without adversely impacting the properties and durability of fabricated articles. HIFILL N is available in a range of particle sizes, and contains no reportable free crystalline silica.

MAGRIS TALC

Mistron® Nicron® and Vertal® talc reinforcing fillers and antiblocking agents

OMYA, Inc

OmyaCarb® Calcium Carbonate fillers

SIBELCO

A unique range of mineral-based flame retardants. PORTAFLAME Alumina Trihydrate (ATH), SECUROC Magnesium Carbonate, CASIFLUX Wollastonite and Portafer® Magnetite.

SOUTHEASTERN PERFORMANCE MINERALS, LLC

A large family of muscovite mica products, used as reinforcers and dusting.

USES



TiO2 PIGMENTS/ COLORANTS

Impart color to rubber

Features: Added to rubber during compounding

Benefits: Makes articles more attractive to the consumer

Supplied by: Chemours

ANTIBLOCKING AGENTS AND PROCESS AIDS

Reduce the tendency of unvulcanized rubber to stick to itself

Features: Internal and external lubricants

Benefits: Makes product easier for consumer to handle and use.

Supplied by: Blachford, Covia, Magris Talc

TESTING EQUIPMENT

Used in R&D as well as Quality control

Features: Measure properties of rubber compounds

Benefits: Insures adherence to specification, and fitness-for-use

Supplied by: BYK Instruments



COUPLING & DISPERSING AGENTS

Allow higher filler loading without sacrificing mechanical strength

Features: Is incorporated into the polymer to improve dispersion

Benefits: Lowers compound cost, increases flame retardation

Supplied by: Borica

MINERAL FILLERS/ ADDITIVES CONTAINER LINERS

Used to reduce cost and improve properties of rubber

Features: Are incorporated into the rubber compound in a compounding step

Benefits: Lower cost, better physical properties and chemical resistance.

Supplied by: Burgess Pigment, Covia, Magris Talc, Omya Inc, SIBELCO, Southeastern Performance Minerals



dar-tech, inc.

For 70 years, dar-tech has provided additives, functional materials, resins, and pigments to a wide variety of industries.

ADHESIVES & SEALANTS
AGRICULTURE
CIVIL ENGINEERING
ELASTOMERS & RUBBER
METALWORKING LUBRICANTS

PAINT & COATINGS
PLASTICS
PRINTING INK
GRAPHIC ARTS

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