



IMERYS



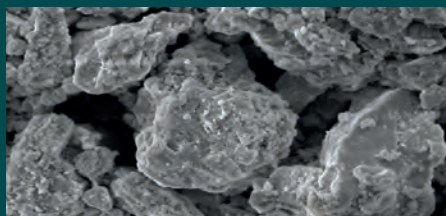
IMERYS SOLUTIONS FOR YOUR

FRICTION RAW MATERIALS

FROM LUBRICANTS TO
ABRASIVES

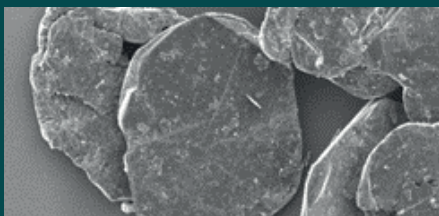


Friction Raw Materials for Braking Solutions



Zirconia

Our finely sized Zirconia, Z99, is the world standard for use in NAO's as it assist in the development and maintenance of the transfer layer while also exhibiting a medium level of abrasiveness. Our tightly controlled and consistent sizing lot to lot allow you a high confidence in the friction material's performance.



Graphites (Natural and Synthetic)

Graphite is a key ingredient to provide lubrication and thermal conductivity to any friction formulation. The benefits of graphite additives are increased stability to the friction coefficient, heat dissipation, wear resistance, and noise reduction.



Calcium Carbonate

Imerys is a world leader in the supply of Calcium Carbonates with various plants across the globe. Our Calcium Carbonate offers you a consistent cost effective filler with high temperature capabilities used mainly as a lower cost replacement for Barytes.



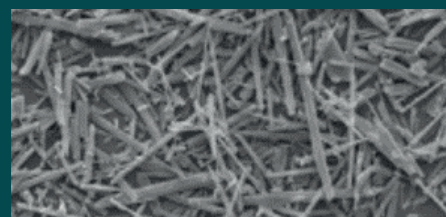
Alumina

A high temperature aggressive abrasive stabilizing Friction levels with very tightly controlled sizings.



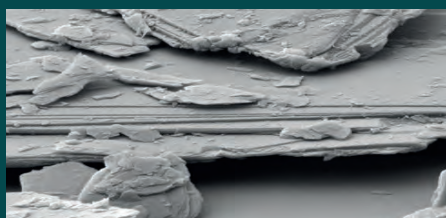
Kaolin

Imerys offers a wide range of various Kaolins allowing you to design the right sizing for use as a cost effective filler in your friction materials.



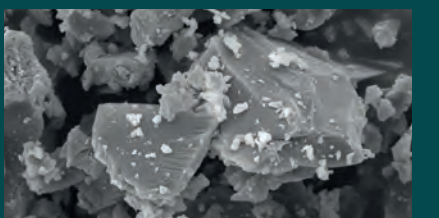
Wollastonite

Imerys's grade NYAD G has been used for many years in the Friction industry due to its high aspect ratio and rod like structure which helps with reinforcing the pad structure while also offering a high melting point. Its inertness allows it to be used to replace more expensive fibers.



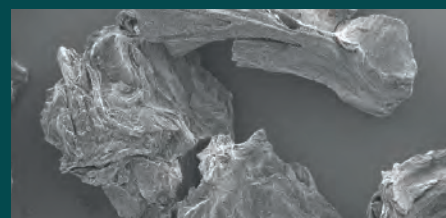
Mica

Suzorite Mica has been widely used in the Friction industry for many years offering a large platelet morphology exhibiting a reduction in vibration equating to noise reduction additionally it has a low thermal conductivity.



Mullite

A lower cost medium abrasive with high temperature stability.



Coke

Coke powders are used as friction modifiers to keep constant friction coefficient throughout a wide temperature range and reduce fading during successive stop brake applications.

Friction Materials



Sinter-metallic

Resin-bonded

Our Mineral Benefits

- Increased Pad Life
- Decreased Rotor Wear
- Friction Stability
- Low Cost Filler
- Controlled Springback
- Reduced Noise
- Thermal Stability



Imerys broad range of materials can be found in every Friction application from Paper bonded materials for wet friction, to Sintered Metallic pads for motorcycles and earth moving machinery, to Semi-Mets for commercial vehicles, to Low-Mets and Non-Asbestos Organic pads for cars and trucks, we are everywhere.

Why? Because we offer exceptional quality, consistency, and performance with worldwide supply capabilities and advanced technical support. Develop with Imerys and advance your performance.



THE WORLD'S LEADING PROVIDER OF MINERAL-BASED SPECIALTIES FOR INDUSTRY

Imerys offers high value-added solutions to many different industries, ranging from process manufacturing to consumer goods.

- We provide innovative and quality products to fit with our customers' needs
- We consider Safety as a priority
- We respect the world in which we operate



**Over 15,000
customers**



**Sales in 142
countries**



**16,400
employees**

At Imerys, we fulfill our role in society in a responsible way.

The technical expertise and innovative mindset of our people enable us to extract and transform minerals responsibly and in a sustainable way over the long term.

For further information, please contact :

IMERYS

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