



Graphenano
COMPOSITES



RESIN
GELGRAPH
Graphene-enhanced high modulus **GELCOATS**

GRAPHENANO MEETS
INNOVATION

RESIN

GELGRAPH

Graphene-enhanced high modulus **GELCOATS**



Hand lay-up



AIRLESS

Enhanced Mechanical Strength!

GEL COAT RESINS

Graphene-enhanced high modulus **GELCOATS** offer superior mechanical performance, durability, and resistance to environmental factors.

Designed for advanced composite applications, they provide exceptional protection, improved adhesion, and reduced weight, ensuring long-lasting and high-performance results.

25% MORE SURFACE HARDNESS

CHARACTERISTICS

Enhanced Mechanical Strength – Increases hardness and impact resistance, reducing the risk of cracks and surface damage.

Lower Brittleness – Its high elastic modulus allows it to absorb stresses more effectively without breaking, preventing microcracks.

Improved Abrasion Resistance – Withstands wear caused by friction and continuous contact, increasing durability.

Superior Chemical Resistance – Enhances resistance to acids, solvents, and corrosive agents, making it ideal for harsh environments.

Reduced Permeability – Decreases moisture and external agent absorption, protecting the material's internal structure.

Better Thermal Stability – Resists temperature fluctuations without deformation or loss of properties.

Higher Adhesion – Integrates better with the composite substrate, preventing delamination and detachment.

Lower Weight – Maintains rigidity with lower density, contributing to overall weight reduction of the structure.

Increased UV Resistance – Protects against aging and yellowing due to sun exposure.

Reduced Shrinkage – Minimizes contraction during curing, improving the dimensional accuracy of parts.

Greater Durability – The combination of these properties ensures a longer service life with lower maintenance requirements.





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COMPOSITES

the most advance line of resins on the market

GRAPHENE TECHNOLOGY

+Polyester

+Vinylester

+GelCoats

+Conductivity Resins



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