

A1 相当サイズ

Light weight substitute material for metal capable of exceptional industrial production in the future

Ultra lightweight, high intensity, multi-directional strength

Our lightweight material has a specific gravity one - fifth as small as steel with a high tensile strength and high tensile elasticity equal to steel and composite materials with thermosetting properties.

By weaving for multi - direction and orientation, strength for both one direction and for multi - directions are made possible. Compared to metal, our lightweight material is easy to handle.

Corrosion resistive

As it does not rust like steel nor rot like wood, it is suitable for use outdoors and for sewage arrangements.

Recyclability

As a workable resin with thermosetting properties, our lightweight material has an environmentally friendly advantage with the potential to satisfy social and environmental concerns such as environmental conservation and the responsible and effective use of resources.

Safety

Being highly shock - absorbent, it excels in safety.

Examples for use

Automobile body bumpers
Ship and vessel bodies
Aircraft components Pipes
Water storage tanks and feed tanks
Guardrails
Medical equipment
(wheelchairs, etc.)
Bridges
Electric home appliances
(ex., vacuums)
Office automation equipment

