



Yanfeng Global Automotive Interiors Eco-Lite Natural Fiber

Yanfeng's CHyM Eco-Lite material used in vehicle interior panels integrates the advantages of natural or synthetic fibers and thermoplastic so that both can be deployed as needed. CHyM Eco-Lite incorporates a very light weight membrane (fibrous natural fiber mat) to the thermoplastic injection process in one step, while optimizing the required stiffness of the specific component. The process enables the use of lighter natural fiber mats that are equivalent in strength to 2.5mm long glass fiber carriers or 2.5 to 3.0mm ABS carriers depending on the application.

Category:
**Enabling
Technology**

Application:
BMW 5 Series

Weight Saving:
Up to 40%

Methodology:
Material Substitution