参考出品
REFERENCE EXHIBIT

ケナフを活用した軽量天然繊維基材
Lightweight Natural Fiber-based Material Using Kenaf

二酸化炭素吸収量に優れた一年草植物「ケナフ」を活用したドアトリム基材。
従来のケナフ基材に改良を加え、さらなる軽量化を実現。

Door trim material use kenaf, an annual grass plant with superior CO_2-absorbing properties.
Conventional kenaf materials are improved to become more lightweight.

特長 FEATURE

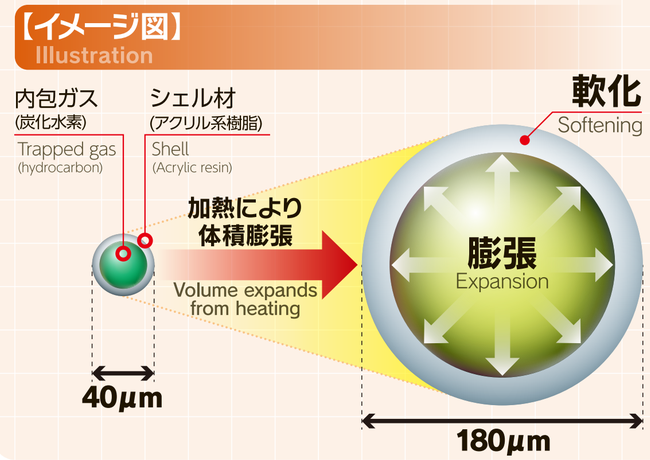
1 基材成形時に熱膨張性マイクロカプセル*1により繊維の隙間を充填することで従来材料同等の剛性を実現

Heat-expandable microcapsules fill the gaps in the fibers formed in molding of the material to maintain rigidity equivalent to that of conventional materials.

2 従来基材同様に基材成形時に樹脂部品を同時成形（SBI*2工法）することで生産性アップ

Use of simultaneous molding (SBI*2 method) in forming of the material improves production, similar to that of conventional materials.

【イメージ図】 Illustration



【基材断面画像】 Cross-sectional image of substrate

*1 松本油脂製薬（株）より提供
*1 Provided by Matsumoto Yushi-Seiyaku Co., Ltd.

*2 SBI : Simultaneous Back Injection

効果 RESULTS

1 世界トップクラスの軽量天然繊維基材を実現
（従来比20%軽量化）

Result is a world-class lightweight natural fiber material
(weight reduced by 20%)

▶軽量化効果 Result of weight reduction