



Thermoplastic Sandwich Moulding Technology

DAIMLER TRUCK



ENGEL
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Storage compartment cover demonstrates lightweight potential of thermoplastic sandwich construction

Thermoplastic sandwich moulding enables serial production of lightweight sandwich parts by thermoforming of thermoplastic sandwich panels and functionalization via injection moulding.

Within the project “HyWaSand” a storage compartment cover from a truck driver cabin was demonstrated:

- up to 40% weight saving compared to conventional part with new sandwich panel THPP80C5-CP560 / THPP80C5-GC470
- automated serial manufacturing process and
- recyclability by using thermoplastic composite

Fraunhofer Institute for Microstructure of Materials and Systems IMWS

Dr.-Ing. Ralf Schlimper

Group Manager “Assessment and Design of Composite Structures”

ralf.schlimper@imws.fraunhofer.de

+49 345 5589 263

