

Covers for the vehicle ventilation system made of Ultradur® S4090 GX in the new Mercedes-Benz C-class

Case Study

The cover at the top center and the two so-called diffuse fields located on the left and right in the dashboard of the latest Mercedes-Benz C-class models are made of Ultradur® S4090 GX black, a BASF PBT/ASA blend reinforced with 14% glass fibers. These three parts have a very filigree surface, namely, a rib-mesh metal imitation with open perforations.

They function as covers for the diffuse ventilation of the front windshield and of the vehicle interior and are injection-molded by REUM GmbH & Co. Betriebs KG, a company headquartered in Hardheim, Germany. The complex molds for serial production are built by REUM itself. Ultradur® S4090 GX is highly dimensional stable under heat since it has to withstand the high temperatures to which dashboards are exposed.

