

Reference

PLEXIGLAS®

Components for functional simulation models and exhibition models



Market segment

Furniture, exhibition, shopfitting

Product

PLEXIGLAS® GS Block, colorless, 25 - 110 mm

Fabricator

Hecker® Kunststofftechnik GmbH & Co. KG
Dortmund

www.plexiglas-hecker.de

Selection criteria

PLEXIGLAS® block is an ideal material for the machine fabrication of individual parts for transparent functional, simulation, and exhibition models.

Description of the application

Highly brilliant, crystal-clear PLEXIGLAS® Acrylic replaces the closed shell mold of an industrial gear. This transparent material provides interested parties and customers with an exciting insight into the complex working of the gear transmission.

To realize the installation of the associated ball bearing, it was also necessary to ensure a high-precision bearing carrier and fittings in the PLEXIGLAS® model—requirements that set new, challenging standards in the CNC processing of a solid block.

Dimension of the component:

The outer diameter of the component is 284 mm. Several modules were bonded together to give an overall height of 190 mm.

Evonik Performance Materials GmbH

Acrylic Products

Kirschenallee, 64293 Darmstadt

info@plexiglas.de

www.plexiglas.de

www.evonik.de