



Parmaco
Metal Injection Molding AG

MIM parts for sun protection blinds

Field of Application:

These carriers produced with the MIM process are used in high-quality, sunlight-sensor-driven blinds.

Application of MIM components:

The individual components are strongly strained due to constant usage. Carriers out of synthetic material would not withstand this stress. Due to the costs, the geometry of the parts would not allow production with conventional machining processes. In partnership with the design engineers of the customer, Parmaco was able to come up with a technically and economically convincing solution, using the MIM process.

The application under sun, rain, and snow requires the highest quality of the raw materials. Here, steel 17/4PH proved to be the best choice.

Part Specifications:

- Material: 17/4 PH
- Weight: 6.95g
- Surface Roughness: Ra 1.20
- Size: external thread M22 x 13 mm
- Annual quantity: 45'000 pieces
- Post-processing: not necessary

