

Moulder: **GGs Plastic Engineering Inc.**

MuCell® Product: Fan Shroud

Material: PA6 GF15 MN20

Machine Type: Nissei 1000 t, 112 mm screw



Statement of Value Proposition:

With MuCell® GGS PLASTIC ENGINEERING could design a family mould to produce shroud (1160 g) and hinge (16 g) in one shot. An additional tool of about 40,000.- US-DOLLARS for the hinge could be saved plus reduced capacity requirements.

Economic Benefits:

- Weight reduction = 8 %
- Cycle time savings = 22 %
- Reduction in machine size = 30 %

Performance Benefits:

- Flatness improved by 50 %
- Fatigue-to-failure improved by 400 %