



Moulder: **TRW Automotive Safety Systems GmbH**

MuCell® Product: Thorax Airbag Cover Rear

Material: PP/EPDM

Machine Type: Engel, 300 t, 55 mm screw

**TRW Automotive**



#### **Statement of Value Proposition:**

The Airbag Cover has a complex part geometry with thin wall sections down to 0.4 mm at the initial breaking line for the airbag release and up to 2.5 mm of nominal wall. MuCell® allows to produce such parts with uniform shrinkage and free of sink marks.

#### **Economic Benefits:**

- Reduced machine size = 40 % (300 t instead of 500 t for conventional moulding)

#### **Quality Benefits:**

- Elimination of different material shrinkage and sink marks
- Excellent dimensional stability