

Case Study 3

Lead Time: Start Time: 19/12/05

End Time: 09/02/06

APQP: Not Required

Part Spec: UV Stabilised ASA +- .1 to fit counter part extrusion supplied

Mould Flow: Required

Tool: 2 + 2 Hardened to 48-52 Rockwell C

3D Model: Required

Summary: The customer having placed orders for extrusion die tooling now required a quick turnaround for this injection mould tool. The part is handed so it had to be designed to accommodate a pick and place robot on the press, which automatically separates the parts and drops the sprue into a grinder. No hand separation required. Mouldflow determined gate position and highlighted possible venting issues near the grill area of the part, which was overcome. Parts ran first time and were despatched to the customer.

Please click on the link to watch the video <http://www.patterson-rothwell.co.uk/case-studies/article/quick-turnaround-from-tool-to-injection-moulding.htm>