

Key data

Moulded part	Laptop component
Application	Laptop
Part weight	13 g
Material	PC
Mould type	Multi-cavity mould
No. of cavities	4

Customer's requirements

This application involved the production of laptop component of PC in a 4-cavity

Solution

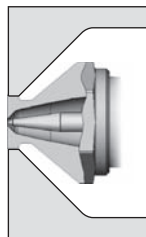
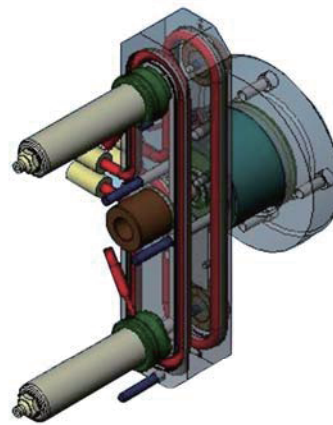
In the implementation of this application, an externally heated 2-port hot runner system with face fit manifold nozzles was employed. The manifold was of standard form (I) and its runners were naturally balanced. The cavity was directly gated with the hot runner to the moulding surface via open nozzles with torpedo.

Benefits

- Production without sprue waste and without reworking
- Good gating quality with respect to separation and appearance
- Uniform supply and filling of all cavities with melt
- Good moulding quality from all the cavities

Schematic product overview

1. Manifold nozzle ,face fit
Series CB...M, Type YT, Class 07 C
2. Manifold
Series VC



Y T



CB YT M

