

Key data

Moulded part	Battery razor
Application	Mobile telephone
Part weight	3 g
Material	PC/ABS
Mould type	Multi-cavity mould
No. of cavities	4

Customer's requirements

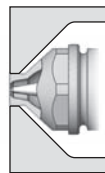
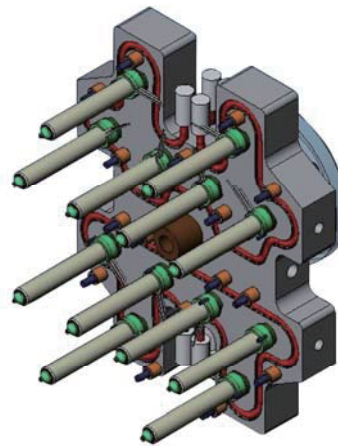
This application involved the production of battery razor for mobile telephones of PC/ABS. The cavities were to be directly gated via the hot runner to the moulding surface .

Solution

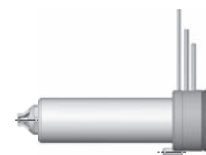
In the implementation of this application, an externally heated 8-port hot runner system with face fit manifold nozzles was employed. The nozzle with Y tip for high injection pressure, the cavity was directly gated with the hot runner to the moulding surface via open nozzles with torpedo.

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



Y T



04 C01 Y01T

Schematic product overview

1. Manifold nozzle , face fit
Series 04 C01, Type Y01T, Class 04 C
2. Manifold
Series VC

