"The way that iSON Moulding is set up enables us to offer something unique to the customer, whether that is manufacturing skills or development services to support your needs - we are dedicated to the evolution of your plastic components."

Carl Anderson
Managing Director, iSON Moulding Ltd
The importance of professional tool trialling

iSON Moulding understand how important the tool trial is in determining the capability of the tool which in turn produces quality components repeatedly. Many of our customers approach us for help and support in further developing an existing tool supplied by another moulder, which has already been delivered to the market place, that is failing to produce acceptable components. Misguidance from a lack of knowledge is always the root cause of the problem.

iSON Moulding offer a tool trialling service using skilled and knowledgeable staff to investigate the build and design, carry out modification where necessary and then re-trialling.

We always take the time to understand what our customers’ expectations of their product is and whether the process they are currently using is best suited to their needs.

iSON, your ideal tool trialling partner

We welcome the opportunity to work with you on your projects and by going back to basics we start by visiting plastic selection, then to the processing of the plastic through your tool. Within this we study flow paths, gate location, wall sections, ejectors, surface finishes and more.

When iSON commits to a tool trial we approach the task without clouded vision, what we mean by this is every trial we take on is tackled in a way that the emphasis on the de-bugging focuses on the processing of the polymer rather than tool modifications or changes. This is very important as the wrong analysis will have an impact on the project - timescale in bringing it to market place, as well as the financial implications of having changes made to a tool that might be perfectly good for production already. The benefits will be acknowledged at the tail end of the project when the customers’ expectations are fulfilled.

Every tool trial at iSON comes with a report as well as logged processing parameters, after all once the tool is signed off and leaves us the customer has all the relevant information they will need to set their tool up for production in the UK or aboard.

If you need help with a problematic tool that cannot produce components to meet your quality standards, contact iSON Moulding today!

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