

Pentagon Plastics collaborating with Ultrapolymers Ltd

Case Study produced by Pentagon Plastics Ltd.

Ultra Polymers have been one of our key raw material suppliers for many years, offering various materials such as Nylon, Acetal, PC/ABS, Polycarbonate and Polypropylene to name just a few. As a customer we have always found them to be reliable, offering a strong technical knowledge of the materials in their portfolio. Over the past two years our customer/supplier relationship has evolved, having met regularly at industry trade shows as well as supporting one another over various social media channels.

The initial idea of collaboration between Pentagon Plastics and Ultra Polymers came about following a chance meeting by Richard Payne of Ultra Polymers and Paul Edwards & Gabby Day of Pentagon at the Med-Tech Innovation Show held at the Ricoh Arena, Coventry in early 2014.

After a general catch up, discussions then revolved around innovative ways to provide material samples to customers and prospects that would stand out over competitors and fall outside the realms of the widely used plaques. It was felt that such an item could also be a sales aid out in the field and at trade shows to showcase various materials that can be supplied.

At this point it became apparent that our promotional 'Pentagon Paperclip' that we use at trade shows and in-house could be both a useful desk item and offer a solution to show the feel, flexibility and appearance of processed materials.

Carl Mendonça, Business Development Manager of Ultra Polymers bought into this idea as a good aid to showcase their material ranges and had a particular set of Polypropylene products in mind. Further talks were then undertaken by Richard of Ultra Polymers and Paul of Pentagon Plastics to arrange a trials day on one of our nine moulding machines utilising the Paperclip mould tool that was manufactured in-house together with one of our trained Setters to run some samples of their chosen materials.

Your partners from design to production



We welcomed Carl and Richard on 8th May 2014 to our Factory here in Horsham and they quickly settled in at the Haitian All Electric 90 tonne press to run trials of four Polypropylene materials (offering different customer solutions and appearances). They were aided by one of our skilled Setters, Lee Beadell, who was tasked with optimising the injection moulding process. This was not a seamless task due to the limitations of the Modular Insert Tooling System but after some tweaks and head scratching the samples began to run off smoothly and a successful day of sampling was completed.

It has been suggested that this could just be the start of mutually beneficial business collaborations between our companies and here at Pentagon we are already in the process of producing a further alternative for the show casing of raw materials in various elements!!

Ultrapolymers are also looking at promotion of their ever expanding portfolio of materials and are keen to discuss new ways of showcasing product attributes to the market.

"We look forward to working with Pentagon again in the future to illustrate their skills in combination with some of our new, innovative, materials". Carl Mendonça – Ultrapolymers Ltd

Any Questions ? Please contact us:

Ultrapolymers Ltd

Tel. 01925 750320

Email – sales@ultrapolymers.co.uk

Twitter – @UltrapolymersUK

Website – www.ultrapolymers.com

Pentagon Plastics Ltd

Tel. 01403 264397

Email – websales@pentagonplastics.co.uk

Twitter - @pentagonPIM

Website – www.pentagonplastics.co.uk