

Blayson Olefines Ltd

Wax Product Range and Services

Blayson is a key supplier to the worldwide investment casting industry manufacturing high quality wax materials

Industry sectors served include Aerospace, Industrial Gas Turbines, Medical, Automotive, Defence, Communications, Microwave, Electronics, Marine, Sport & Leisure, Construction and Jewellery

- Blayson is focused solely on the investment casting industry
- Has extensive experience and knowledge of industry requirements
- Blayson emphasis on R&D maintains a strong technical lead
- Close technical support and partnership approach to customer relationships
- The full range of wax materials are also manufactured by Blayson Japan Co Ltd and Blayson Brasil Ltda

Wax Materials

Blayson manufactures a complete range of high quality wax materials

- Filled Pattern Wax
- Emulsified Pattern Wax
- Straight (Unfilled) Pattern Wax



Recycling of used wax

As the pioneer and specialist in wax reclamation, Blayson is uniquely placed to offer high quality, low ash, recycled products suitable for the manufacture of a complete range of patterns and runner systems

- Reclaim and Reconstituted Wax
Cost effective high quality pattern and runner/riser/sprue materials
- Runner/Riser/Sprue Wax
A full range of products including very fluid, low melt products

New developments

Products specifically designed for turbine blade manufacture

- High fluidity pattern wax
- Reduced memory pattern wax
- Long setting range materials

Injected Wax Parts – see Blayson Casting Systems information sheet

- Injected Runner/Riser/Sprue Bars
- Injected Soluble Cores

Specialist Wax Products

Soluble wax materials are a speciality and the range gives the benefit of good injection and surface finish together with zero residues on leaching. An ultra-violet dye is added to allow inspection of the cavity to ensure complete removal



Core wax for sealing ceramic cores, improving the surface finish and alleviating core cracking

Flexible rods for use in strengthening or venting wax assemblies

Repair wax both hard and soft types are available for the repair of patterns and for sealing assemblies. These can also be used for moulding into required radii

Dip seal wax very fluid and therefore capable of flowing into and sealing undercuts and open seals

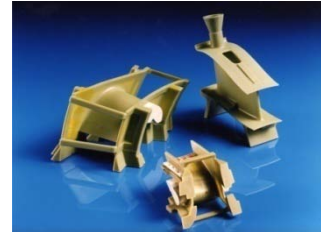
Jewellery wax has good flow and high strength properties able to reproduce intricate detail



Adhesive wax a range of products for the assembly of pattern parts either by hand or by automated equipment

Machining wax for rapid prototyping and the production of proofing patterns

Wax Trials using customers' own dies either at the foundry or at one of the Blayson Technical Centres



Technical Support provided by the experienced Blayson technical team is always available to help with customer trials and needs. Comprehensive technical reports are issued on completion of technical projects

Product Forms

- Pattern and runner wax pellets
slabs
- Packaging
25 kilo bags
22 kilo boxes
500 kilo 'Big Bags'
- Supplied as 500 kilo pallets
- Specialist wax
10 kilo blocks in boxes

Quality Assurance

Blayson's total commitment to quality ensures all products and systems consistently meet required parameters through fully monitored process control and ISO 9001:2008 certification.



Blayson is committed to pursuing excellence and to providing a better understanding of wax, ancillary materials and equipment, to enable customers to maintain and improve their competitiveness