



BROADWAY
25
YEARS
OF QUALITY
MATERIALS

You know
we make
**custom
compounds**
...don't you?

...if you didn't, you do now.

We are specialists in small lot compounding. With a minimum order quantity of just 25kg, we'll cater for your compound requirements – big or small.

**MOQ
ONLY
25KG**





Meeting your needs

Our reputation is not only built on colour accuracy, but also on providing great customer service. Our ability to evolve in response to market requirements remains a vital part of this. As a trusted manufacturer of colour and additive masterbatches, we learned that many of our customers also have a need for compounded materials.

Those needing smaller lots often find that large compounders are simply not interested in producing the lower volumes they require. They can end up paying a big premium to secure the material they need.

This is where we come in. Broadway's compounding services are filling the void between masterbatch suppliers and compounders. We're fulfilling compound orders from 25kg to full truck loads, with quick turnarounds too. We manufacture colour, additive or combined compounds, with a choice of polymers.



What is a plastic compound?

If you've always manufactured plastic components using a colour or additive masterbatch, dosed into your raw polymer, then maybe you've never even considered using plastic compounds.

For those unfamiliar with compounds, a compound is the complete material you'll use in production. Essentially it's your masterbatch, dosed with polymer at your required let down rate, pre-mixed, extruded and pelletised. Any constituent elements such as colour, additives or fillers can be included in the material supplied.

As our manufacturing capacity has grown, offering custom compounds has been a natural step for us. Many of our customers benefit from using compounds for certain applications.

COLOUR	+	EFFECT	+	ADDITIVES	+	POLYMER
Custom colours Our expert team have created over 50,000 custom colour formulations and continue to make new matches every day. Each tailored to meet specific needs.		Metallic Sparkle Pearlescent Frosted Interference Fibre Fluorescent Luminescent		UV Protection Anti-Microbial Anti-Counterfeit Anti-Static Mould Release Laser Marking Blowing Agents		PE PP PET ABS HIPS PBT GPPS PA SAN PETG TPU PLA PMMA PC/ABS ASA
Universal range We offer a stocked range of 122 colours, all of which are compatible with a range of polymers.						

CUSTOM COMPOUND

The material will contain all the constituents you require for your moulding. It can be fed straight into your moulding machines, no need to dose colour or side feed additives.

Why might you need a compound?

If you experience inconsistencies when colouring with masterbatch then our compounds can offer you the solution. Where customers using masterbatch have to dose and distribute this accurately throughout production, those using compounded materials move ownership of this process to their supplier. This can be particularly beneficial in situations where colour consistency is vital, where production challenges occur or where high-quality dosing equipment isn't available.

When are compounds used?

Compounds are widely used in the production of very colour critical parts, for example when moulding automotive components. They can also be advantageous when moulding lightly tinted colours, particularly for large scale applications such as point of sale displays. Some special effects such as mottles – where the materials should not be fully blended, are also best achieved using compounds.

Compounds will offer further benefit when colouring complex mouldings or when using filled plastics such as flame retardants or engineering polymers. These types of plastic carry higher levels of other components within the base resin, therefore dispersing colour can be challenging for the moulder. This can result in visible imperfections in the final component. Such problems can cause hidden costs for moulders due to increased levels of scrap, production inefficiencies or even the need to replace inappropriate material. Purchasing a compound that has already been blended helps eliminate the risk of inaccuracies.





Are you already using compounds?

If you're already purchasing plastic compounds from another supplier then please feel free to have a chat with our friendly team about your material requirements. Once we understand your specific needs, we're always happy to provide you with a no obligation quotation for your custom compounds.

Our compounding process is managed entirely in-house, so we have complete colour control. You can take advantage of our free colour matching service and we can supply sample materials for line trials. Even if you're happy with the price and service from your current supplier, it's prudent to have a secondary materials supplier on hand. If you ever encounter difficulties with your supply then having an approved material elsewhere gives you flexibility and an immediate solution.

Our large warehouse at our manufacturing site in Suffolk offers the facility for finished goods to be held in stock. By taking advantage of our call-off service you can buy in large volumes to make further savings and ensure your materials are available exactly when you need them.





Our approach

Broadway has over 25 years experience in providing plastic materials, customised to meet specific needs. Our knowledge helps us understand each customer's unique requirements. With expertise, high quality raw materials and operational excellence, Broadway will deliver the right solution, every time.

Our compounds are manufactured under tight quality control measures, which guarantees a consistent, homogeneously blended material. We manufacture a broad range of compounds for a variety of processes and end applications. We can provide virtually any colour, as well as a number of special effects. We can also include performance additives from our growing range and we run compounds with high PCR content.

We can compound the following polymers:
HDPE, LDPE, PPCO, PPHO, PET, ABS, HIPS, PBT, GPPS, PA, SAN, PETG, TPU, PLA, PMMA, PC/ABS, ASA. Our capabilities are continually expanding, so it's always worth getting in touch if you do have other requirements.





A speedy solution

We know it's vital that your production lines keep running. If you need a quick colour compound solution, you can utilise our range of 122 universal masterbatches – the full range can be viewed on our website. These are often in stock and can be compounded with your chosen base polymer on request. This avoids any delays associated with the approval of custom colours. The finished compound can typically be despatched within one working week of your order.

If you need a custom colour then our free colour matching service is fast and the timeline for colour approval can be reduced further by customers who take advantage of our on-site colour matching suite. Visit us to approve colour matches as samples are produced. This facility is particularly beneficial when colouring PCR, where the tint within the base resin can impact the colour. By using a sample of your material we can demonstrate exactly how the colour will look in the end component. Our friendly team and expert colourists will be on hand to support you throughout the process.



Polymer purchasing power

As a manufacture of compounds and rotational moulding powders, we purchase materials in large quantities. Manufacturing for large volume orders means we have greater buying power than smaller suppliers who only manufacture masterbatch. We have a flexible supply chain and purchase polymer at competitive rates, sharing savings with our customers. However, if you'd prefer to issue your own polymer for us to compound, we're happy to work in this way too.

We always take a flexible approach and work with each customer in a way that suits them. When purchasing compounds from Broadway, our customers should know to expect the same efficiency, value, attentive service and colour accuracy that we deliver when providing masterbatches.



The advantages of using our custom compounds

✓ Ease of use

- No need to dose and distribute colour during production
- No need to side feed additives or other constituents
- No need to purchase polymer and a masterbatch separately
- Reduce downtime and waste when production challenges occur

✓ Accuracy

- Beneficial for highly colour critical applications
- Useful for large or complex mouldings and lighter tints
- Improves colour consistency in filled materials
- Can help achieve special finishes such as mottles and pearls

✓ Flexibility

- Available in virtually any colour
- Utilise special effects from our impressive portfolio
- Include performance enhancing additives from our growing range
- Select from a wide variety of base polymers – in virgin or PCR material
- Source and supply your own polymer for us to compound if preferred

✓ Broadway benefits

- Low minimum order quantity of just 25kg
- Competitive prices
- Fast turnarounds – orders dispatched within just one week
- Call-off and consignment stock services available
- Entire process managed in house ensuring colour accuracy
- Experts in regulatory compliance for plastics
- Toll compounding service also available (issue all your own materials)
- Knowledgeable, friendly team delivering great customer service
- Over 25 years experience in developing customised plastic materials

What do our customers say?

We developed a bespoke compound for S.I. Protech Ltd. They faced the challenge of compounding a specific additive in fine powder form with Polyethylene. It was vital to ensure a consistent dosage of both materials for the end product to function correctly within a very tight tolerance. We worked collaboratively with them and their customer to achieve the desired result.

"Broadway worked with us for several months to achieve the optimal results that our customer was looking for. This project was an absolute success for our business. Our experience with Broadway has always been positive, their biggest advantage is their great customer service and response time, this combined with a very good lead time for non standard colours makes Broadway one of the best masterbatch and compound suppliers that we've worked with."

Vasco M.

Operations Manager
SI Protech (UK) Ltd

As well as working with leading moulders throughout the UK and Europe, we also work directly with brand owners. Our materials are specified by several multinational consumer goods companies.

We enjoy working with smaller businesses and niche product owners too. We're happy to offer advice to help you choose the right materials for your plastic products or packaging. We've been supplying colour and additive compounds to Acme Whistles for many years.

"Broadway's ability to offer small lot size shipments, not only gives us flexibility in production, but makes us nimble and efficient when it comes to our own clients needs. Concentrating on relationship building and understanding our own requirements fundamentally makes Broadway stand out from the crowd."

Ben M.

Head of Sales & Marketing
Acme Whistles





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MASTERBATCH / COMPOUNDS / ROTO POWDER

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