

BRINGING LIFE  TO PLASTICS

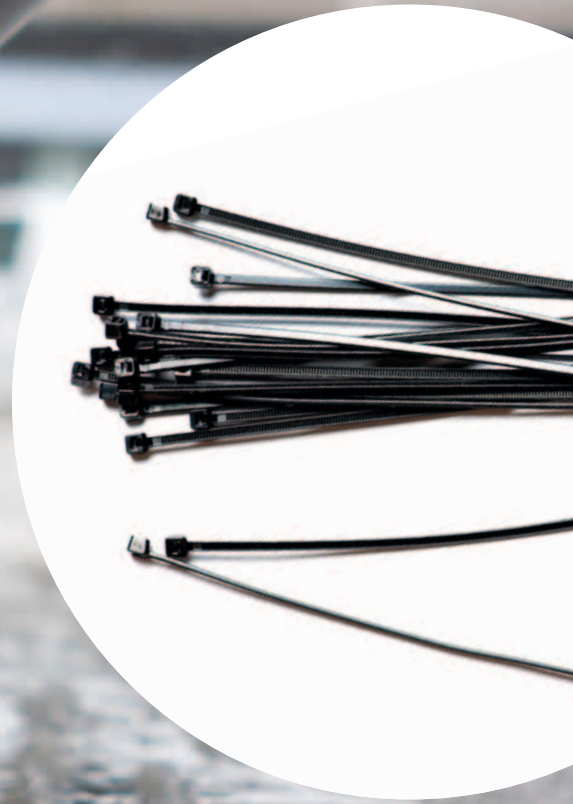
# MAXITHEN<sup>®</sup> black



MAXITHEN<sup>®</sup>  
INSIDE



WATERPROOF



**WE ALWAYS HAVE AND ALWAYS WILL OFFER OUR CUSTOMERS MORE THAN JUST OUR EXTENSIVE STANDARD RANGE – WE CAN ALSO PROVIDE THEM WITH CUSTOM-MADE PRODUCTS AND WORK TOGETHER WITH THEM TO DEVELOP TAILORED SOLUTIONS THAT MEET THEIR EXACT NEEDS.**

## MAXITHEN® INDIVIDUAL

We are able to integrate a whole host of other additives into a masterbatch, which allows us to alter what properties a final product will have with pin-point precision. We also boast expert knowledge of how different additives interact with one another and we have many years of experience in this area.

If a customer requires their masterbatch to be based on a specific type of plastic, we will develop a number of individual products to achieve the optimum solution. Our success rate in finding the right solution for our customers, whatever their demands, is extremely high. Having a team of highly experienced specialists, who work at our very own institute of advanced technology and have access to state-of-the-art equipment, enables us to develop custom-built products that go above and beyond what we offer in our standard range.

MAXITHEN® black masterbatches are available both for processing by injection moulding, as well as by extrusion for making not only films but also hollow parts. Please see our technical data sheets for more information and recommendations on further applications.



## MAXITHEN® STANDARD

**OUR EXTENSIVE RANGE OF BLACK MASTERBATCHES** is based on polymer carriers such as polyethylene, polypropylene, styrene polymers and technical thermoplastics. The only black pigment we use is a carbon black with ultra-fine particles and the highest possible concentration of carbon. Carbon blacks are created by the partial combustion or thermal decomposition of aromatic oils or other liquid or gaseous hydrocarbons. Our products combine superb temperature stability with outstanding pigment dispersion, a property which is highly sought after when extruding thin films and sheets. Thanks to a pigment volume concentration of up to 50%, our masterbatches can often be used right away in low doses depending on the application.

We developed our range of black masterbatches to suit a wide variety of applications, ranging from pipes, cables and packaging film through to film for agricultural applications, which need to be extremely weather-resistant and comply with international standards. Our range can also be used for injection moulding electronic parts that require a deep black colour and a high-gloss finish.

## PREMIUM QUALITY

**OUR TECHNICAL SUPPORT TEAM** can offer product recommendations based on the area in which a finished article will be used, as well as the required properties and the wall thickness and the geometry that a customer requires. They can even visit customers at their premises to answer their questions, whatever they may be.

Our flexible production workflows enable us to fulfil orders of any size quickly (depending on capacity). We share the expertise in plastics processing that we have developed over decades in every product we make – whether it is being manufactured in large volumes or as part of a small batch of a special recipe.



← PREMIUM QUALITY

**BUSINESS UNITS OF GABRIEL-CHEMIE GROUP:**



Building & Agriculture



Home & Lifestyle



Packaging for Industrial & Consumer Goods



Cosmetics Packaging



Food & Beverage Packaging



Medical



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