

PRESSE RELEASE

June 2021

In-house check and certification of NIR detectable masterbatch **GABRIEL-CHEMIE GMBH INVESTS IN NIR-DETECTABLE DEVICE AND SOLVES THE PROBLEM DIRECTLY IN-HOUSE. THIS IS AVAILABLE FOR THE ENTIRE NEAR INFRARED (NIR) DETECTABLE PRODUCT RANGE.**

Worldwide plastics recycling is reaching a rapid pace.

Black and coloured plastics, however, place the biggest challenge on the separation and sorting in plastics recycling. With the widespread NIR sensor technology, the near-infrared spectrum reflected by the plastic is evaluated. Each type of plastic has a characteristic spectrum and can thus be identified, sorted and finally recycled.



©Gabriel-Chemie

Since April 2021, Gabriel-Chemie has been offering, on request, a near-infrared inspection and certification of all masterbatches for customers. This saves time and money. Due to the current demand from various markets, this test is more and more desired for all colours. An existing end product or masterbatch can also be tested. If NIR detection is not possible, Gabriel-Chemie has a sustainable solution on hand.

Pioneer in sustainability and environmentally conscious action

Gabriel-Chemie sees itself as a pioneer in the field of sustainable masterbatches and innovative product solutions. Martin Horvath, Corporate Product Manager at Gabriel-Chemie, says: "Investing in sustainable technologies is an investment into the future. We want to make this added value available to our customers. The detectability directly from Gabriel-Chemie thus promises product and quality safety that our customers can always rely on. The newly launched product mix, including COTREP * certified products and the numerous customer inquiries, confirm the rapidly growing need for NIR-detectable products. "

* Cotrep is an association of Citeo, Elipso, Valorplast and SRT.

GABRIEL-CHEMIE specialises in refining and colouring plastics. The company was founded in 1950 and is now one of Europe's leading masterbatch manufacturers. The independent, privately-owned group has its headquarter in Gumpoldskirchen in Austria, and operates further subsidiaries in Germany, Great Britain, Hungary, the Czech Republic, Poland, Italy, Spain, and Russia, where it employs approximately 600 people.