



# PROFILAN®

## Our solution for more product safety



Dear Sir or Madam

Hardly any other production area is more sensitive than the food industry when it comes to cleanliness and hygiene during product processing and packaging. Production and packaging systems, machine components or conveyor belts that come into contact with food must meet the highest standards in order to guarantee the safety and quality of food. Despite all precautionary measures, friction, wear and material flow problems can still occur during production. Our **PROtec 9000 MD dark blue** presents itself as a solution here.

### PROtec 9000 MD Dark Blue Metal detectable plastic



Using an additive that is added to our raw material PE 1000 UHMW, metal and X-ray detectors can detect food contamination and identify it in the production line. The dark blue color used also plays an important role, as it allows particles of this plastic to be quickly identified by optical sensors during production, ensuring greater safety.

#### HERE ARE THE MOST IMPORTANT FEATURES:

- Detectable by metal detectors and X-rays
- Visual detectability through blue color
- High abrasion resistance
- Good gliding properties
- Excellent strength and impact resistance

[Technical data sheet](#)

### PROtec 9000 MD Dark Blue Panels - Cuts - Finished Parts



From semi-finished products to finished parts, we can offer you a wide range of products made from this material on request. With the detectable plastic PROtec 9000 MD dark blue from PROFILAN, we enable you to achieve greater safety in food production.

Experience the wide range of possibilities yourself offered by this material. We would also be happy to send out hand samples.

If you have any questions about the material, our competent team is ready to assist you!



[Our team](#)



**PROFILAN Kunststoffwerk GmbH & Co. KG**

Zur Dinkel 27-31  
D - 48739 Legden

+49 2566 9333 0  
[newsletter@profilan.de](mailto:newsletter@profilan.de)