



# Plastics & Compound

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Respuestas responsables

realplast 

# Realplast: a company open to the world



Realplast is a young, modern company, which has been open to the world from the very start.

Developmental market trends led us to focus our work, in addition to plastic recycling, on compounding, where we offer highly specialised services.

Currently we have a consolidated international distribution network. Our structure and experience allow us to successfully cover all the needs of our clients, allowing us to grow and improve our services on a daily basis.

We have a 19,000 m<sup>2</sup> factory



We have a fleet of container and auto compactor lorries for local supply.



We are one of the first factories in the recycling and compounding sector to have implemented technology 4.0.



We obtain plastic waste from countries in Europe, Asia, South America and Central America



We have a selling capacity of 60,000 tonnes of plastic per year for manufacturing the finished product.

## The importance of staff training

Getting to this stage is not only achieved by having the best machinery on the market. We are fortunate to have a great team who are committed to their work and who have the willingness to give it their all.

So much so, that we believe Realplast would be nothing without its staff, and this is why we are committed as much to their future, as we are to our own.

We have an internal policy of retaining talent and enhancing it through further training and fostering internal growth. This is because a strong, well-trained, cohesive team helps us to achieve our aims.



## Our commitment to the environment

We are aware of the importance of carrying out adequate environmental management to preserve our surroundings. This is why we have established a corporate culture of respect and sensitivity for the environment, which we pass on to our employees, clients, suppliers and society.

For this reason, we focus our efforts

### Reducing the carbon footprint of plastic products

The additives that we use, which include calcium carbonate (CaCO<sub>3</sub>), talc, silicon derivatives and other minerals, and the industrial compounds that we manufacture from polyethylene (PE) and polypropylene (PP), have the lowest carbon footprint in the plastic sector.

### Reducing our clients' energy consumption

All our manufacturing processes are aimed at achieving the greatest energy savings for our clients.

**«We have established a corporate culture of respect and sensitivity for the environment».**

## Our social programme

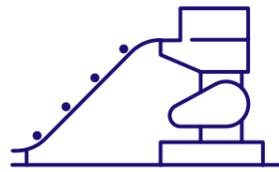


Realplast is a socially committed company. Part of our profits go towards social actions through collaborations with NGOs in the fight against child labour.

We have quality and traceability certifications which let us know that all our suppliers meet the requirements and regulations against child and labour exploitation.



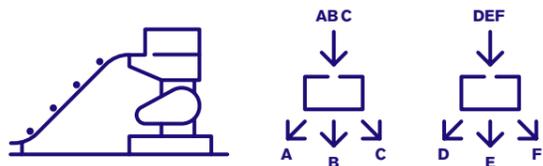
# The machinery: technology 4.0 at the service of our clients



Realplast is a supplier orientated company. We cannot provide a good service without the latest technology, which allows us to stand out from our competitors. Our entire factory follows procedural standards, it is fitted with data collection equipment, control sensors and all the latest advances in hardware to be able to work with LEAN MANUFACTURING technology. This system allows us a continuous control of all the processes, enabling us to provide an excellent service and quality to our clients. And most crucially: with all the guarantees.



We have all kinds of machinery that allows us to separate and process all sorts of materials with metal inserts, paper, glass, metals and other improper plastics.



We have four washing lines for polyolefins and styrenes



## Technology at the service of the environment

Thanks to the investment in machinery that we make, we have achieved that already in the process our machines separate and classify certain products that before the market discarded in landfills or incinerators.



# I&D: innovation and development to enhance our product



We employ the most advanced technology in the sector, and latest-generation instrumentation, including spectrophotometry, X-ray, mechanical, physical and chemical. We have experts who can offer responsible answers and effective solutions to your needs.

In our laboratory, a team in continuous training, made up of people highly specialised in chemical engineering, tests and controls the quality of each product that we develop for our clients.

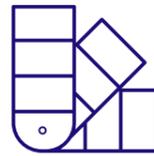
**«At Realplast we have always shown a genuine commitment to research and innovation».**

At Realplast we have always shown a genuine commitment to research and innovation. We are up to date with latest-generation machinery and technological equipment, we are present in the most important trade fairs and we closely follow the sector's latest developments.

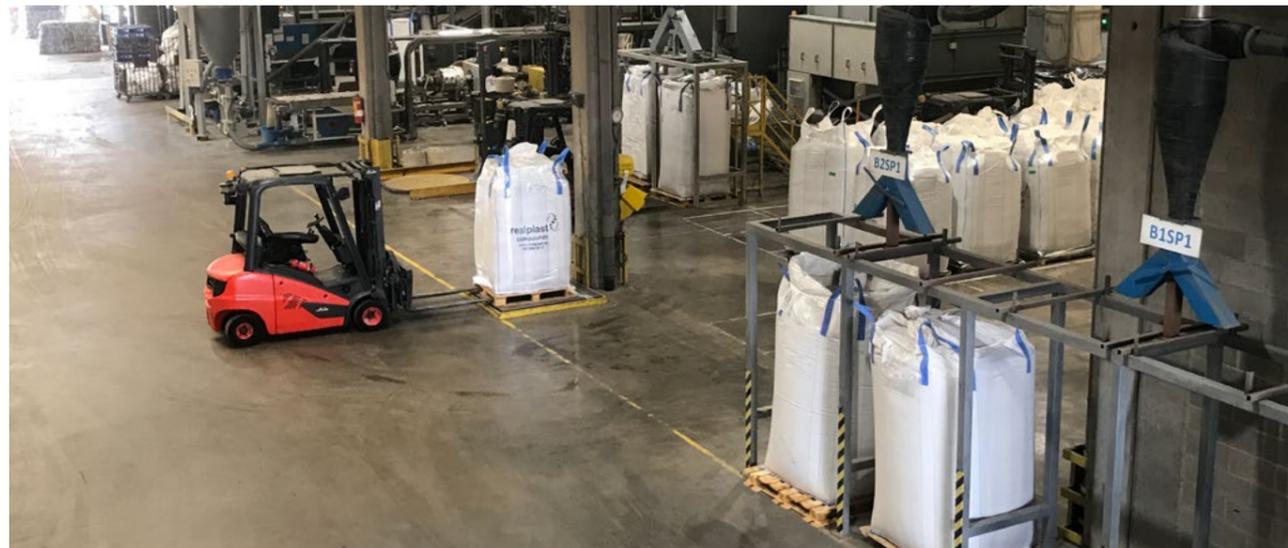
All this is to increase our developmental capabilities and to be able to recycle more products each day, in keeping with the needs of our clients.



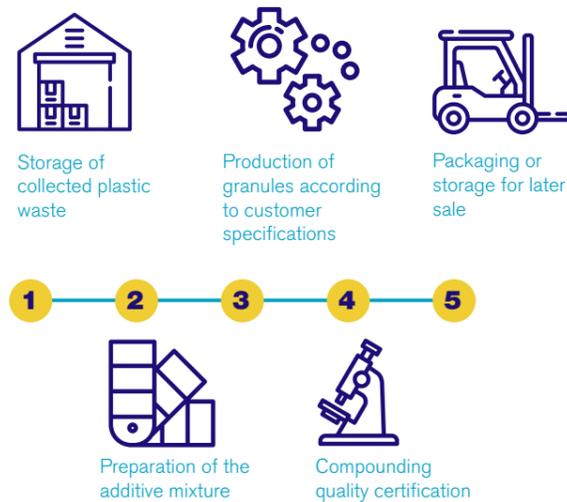
# Compounding: materials tailored to our customers' needs



We have twin-spindle machines for the manufacture of compounds. These machines work with gravimetric dispensers which allow us to have greater precision and accuracy when mixing additives and materials. We create pure materials, and compounds which can include, for example, SBS, talc or CaCO<sub>3</sub>. We can produce very finely filtered materials using 100 micron meshes or less filtered materials of up to 500 microns, depending on the customer's quality requirements.



## Compounding production cycle



The markets we sell our compounds to are:

- household products
- packaging
- personal care products
- automotive
- piping
- computer hardware



# Compounding: our product



## Compound

According to the customer's needs. These are some of the standard grades:

### A. Realplene



### B. Realstyr



### C. Realtene



## Shredding and washing

### 1. Unfilled polypropylene, black, for injection

Gr400028

**MFI17-20 | Izod 9-10 | Density 0.910 g/cm<sup>3</sup>**

### 2. Unfilled polypropylene, black, for injection

Gr400022

**MFI 8-10 | Izod 7-9 | Density 0.900 g/cm<sup>3</sup>**

### 3. Unfilled polypropylene, black, for extrusion

Gr400005

**MFI 4-5 | Izod 7-8 | Density 0.910 g/cm<sup>3</sup>**

### 4. Unfilled polypropylene, black, for injection (very high fluidity)

Gr400033

**MFI 38 | Izod 8 | Density 0.91 g/cm<sup>3</sup>**

### 5. Polystyrene, white, for extrusion and injection

Gr600005

**MFI 4-6 | Izod 7-8 | Density 1.044 g/cm<sup>3</sup>**

### 6. Polystyrene, grey, for extrusion and injection

Gr600010

**MFI 4-6 | Izod 7-8 | Density 1.040 g/cm<sup>3</sup>**

### 7. Polystyrene, grey, for extrusion and injection

Gr600016

**MFI 4-6 | Izod 7-8 | Density 1.050 g/cm<sup>3</sup>**

### 8. Polystyrene, black, for injection

Gr600006

**MFI 6-7 | Izod 8-9 | Density 1.070 g/cm<sup>3</sup>**

### 9. Polythene, high density, black, for injection

Gr200014

**MFI 6-8 | Izod 8 | Density 0.97 g/cm<sup>3</sup>**

### 10. Polythene, grey/green, for extrusion

Gr200008

**MFI 1.4 | Izod 17 | Density 0.97 g/cm<sup>3</sup>**

### 1. HDPE injection – different grades

### 2. PP injection – different grades

### 3. PP bumper

### 4. PP battery

### 5. PP homopolymer high flow

Trusting clients in more than twenty countries.



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