

**IQAP**  
masterbatch

At the Vanguard of Masterbatch



- Over **35 years'** experience in the addition of colours and additives to polymers through the formulation, production and sale of top-quality and high-performance masterbatches.
- Our facilities cover a total area of **24.000 m2**, and have a production capacity of **15.500 tm.**
- We produce high-quality technical masterbatches, mainly for **the textile, cable & PVC and plastic industries.**
- We currently supply to Europe, Russia, the Middle East, China and North Africa.
- **Exports amount to 50%** of our total business volume.
- We have **180 employees**, and a yearly turnover of **45 M€**

1979

- **IQAP (Industrias Químicas Auxiliares del Plástico SA)** is set up in Manlleu (Barcelona) Business initially focused on the development , production and supply of **PVC masterbatches for the cable industry**, and went on to expand to **textile and plastic sectors** at a later stage.

2005

- IQAP acquires a production unit in the **Czech Republic**, creating IQAP Czech Sro. (Tábor), which produces **black polyester masterbatch** for the textile industry.
- MCH investment fund becomes minor shareholder.

2007

- IQAP acquires the cable masterbatch producer **Alcolor SA**, as well as the local distribution **business Paint Desarrollos SL**, both located in Ibi, Alicante.

2009

- IQAP acquires **ADES SL**, a company specialized in the production of masterbatch for the cable industry.



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## Vic- Barcelona (Spain)

- 14.000 m<sup>2</sup>
- 10.000 Mt/year

## Tábor (Czech Republic)

- 2.000 m<sup>2</sup>
- 3.000 Mt/year

## Ibi- Alicante (Spain)

- 8.000 m<sup>2</sup>
- 2.500 Mt/year

## Egüés- Navarra (Spain)

- 1.120 m<sup>2</sup>



- **MASTERBATCH :**

It is a system by which colours and additives are added to polymers by dosing a colour and / or additive concentrate dispersed in the polymeric matrix. Mixed with the carrier polymer during the production process, it adds colour or confers specific properties to the finished product.

IQAP is a leading company in chemical formulation and dispersion technology (even at a nano-particle level)

- **COLOUR :**

A basic feature for product and brand identification. Our product is essential in the industrial supply chain.

- **OTHER FEATURES :**

In addition to colour, masterbatch can also confer the most advanced physical, aesthetic and functional features to a wide variety of plastic, textile and cable&PVC products. This range includes: stabilisers, UV-filters, antistatics, scented and slip additives, weather-fastness enhancers, special effects (pearly, glitter...) antibacterials, special feel, stain-resistant additives, flame-retardants....





**R D**  
We are + **i**

Mo olo + **i**

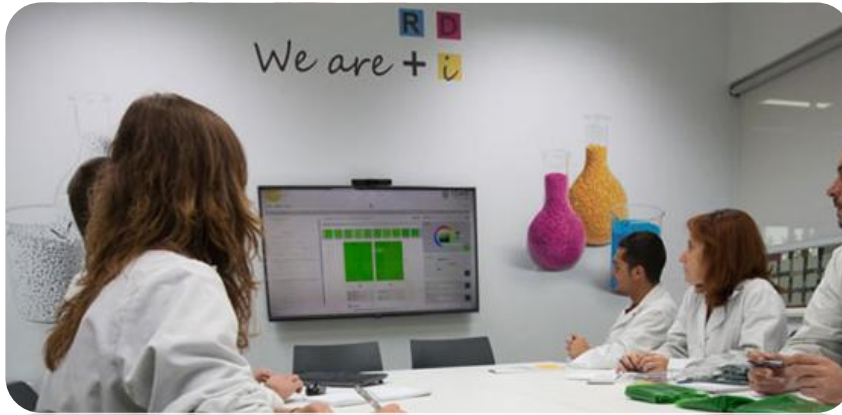
- **KNOWLEDGE AND INNOVATION MANAGEMENT:**

Lying at the core of our development and a sign of identity, it has steadily positioned us within the market. We invest to acquire the latest technology in an intrinsically dynamic sector where the constant creation of new polymers, pigments, additives and features generate new requirements to improve end products and cut costs. This is why our R+D+i team amounts to 20% of the total number of employees.

- **4 LABORATORIES AND PILOT PLANTS:**

Located in Vic (Barcelona), Ibi (Alicante), Egüés (Navarre) and Tábor (Czech Republic), with facilities covering a total in excess of 3.000 m<sup>2</sup>, they make up one of the most advanced research centres within the sector, and lie at the heart of the company.

R+D



### R+D LABORATORY

- Colorimetry
- Thermal analysis (DSC, TGA)
- Rheological behavior and viscosity
- Infrared spectroscopy
- Microscopy and image analysis
- Superficial and transverse resistivity
- Accelerated ageing
- Behaviour to fire and flame-retardance
- Mechanical properties of yarn, fibre and injected parts





Following our ever-present vocation of service, and thanks to exhaustive teamwork between our R+D+i, TIC and Commercial departments, we have developed IQOLOR, a unique and revolutionary on-line software with the following features:

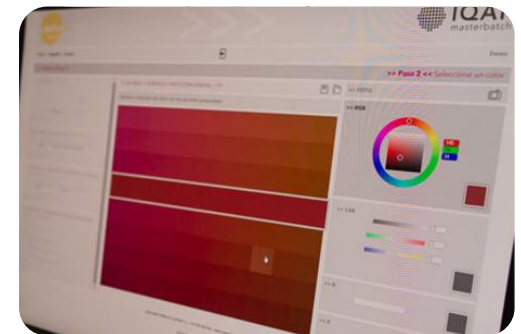
**IQOLOR Tool** Enables users to search among our 17.000- strong colour library

**IQOLOR Notes** Provides a workspace where our customers can manage and organise any details concerning their samples, choices, technical documents and products.

**IQOLOR Office** Users can manage and organise documents relating to orders, such as delivery notes, order forms and invoices.

Through IQOLOR we aim at providing our customers and partners with a fully reliable and straightforward workspace that makes their jobs easier.

<https://youtu.be/dqaFOIx CZ2U>





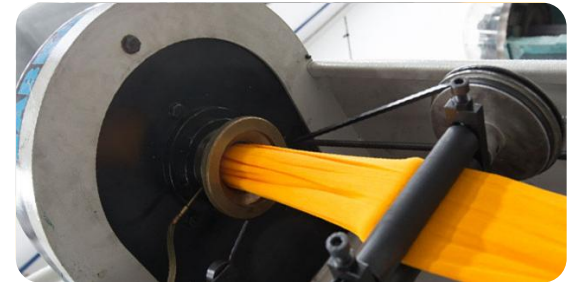


## PILOT PLANT:

We verify on a small-scale all the factors involved in the practical use of the designed product. We can virtually reproduce any of the industrial processes carried out by our customers:

- Injection moulding machines with a locking force up to 1.000 Mt.
- Laboratory film blow-moulding machine
- Bottle blow-moulding
- Pilot plant for spinning PP, PET and PA6
- Air and friction texturing
- Crimping and carding

<http://youtu.be/1GWbjlO8GqA>





plastics

- Plastics are customised by producers
- Thanks to our experience and degree of specialisation in high-performance plastics we have become regular suppliers of the most demanding customers.
- We spearhead the sector's development technology for colour concentrates for aesthetic, technical and engineering plastics.
- We develop top quality, high-performance colour concentrates and additive packs for any plastic product to be used within a large number of industrial sectors, to which they confer the most advanced features (chromatic, physical and functional) required by the most demanding sectors.



- **Automotive:** Plastic parts, seats, panels, coatings...
- **Computing:** Cases and accessories for computers, printers, peripherals...
- **Electrical appliances:** Cases, accessories...
- **Agriculture and farming:** watering pipes, greenhouses, transport, hygienic flooring systems, cattle identification tags...
- **Packaging :** sheet, bags, bottles, caps, boxes, cases...
- **Construction :** conduits, piping, profiles, coatings, plastic carpentry...
- **Toys**
- **Footwear:** heels, soles...





We specialize in molten mass colouring during spinning process, which provides outstanding competitive advantages:

- Exact colour reproduction
- Top colour fastness
- Conferring new properties to textiles
- Reduction of financial and environmental costs, as no waste is generated and recycled products increase their value.



- We pioneer mass-colouring of synthetic textile materials.
- In our pilot plants we are able to reproduce the textile production processes on a small scale, visualising results and avoiding risks and unpleasant surprises.
  - Automotive : upholstery, floor mats, carpeting...
  - Clothing: technical textiles, sportswear, fleeces...
  - Home textiles: curtains, upholstery, carpets





- **Technical knowledge – added value:**

We specialise in developing tailor-made solutions for the most specific requirements and the most demanding processes including continuous crosslinking since 1979.

- We offer a wide range of standard colours and additives for the sector's main applications:

- Domestic cables
- Energy sector
- Data and telecommunication
- Automotive
- Mining
- Ships
- Aeronautics
- Submarine cables

Our standard RAL, BS/IEC 304, AFNOR and MUNSELL – based colour ranges are readily available for immediate delivery..



# PVC

We develop top-quality and high-performance specific masterbatches for flexible and rigid PVC for a variety of products for the construction, furniture, decoration or gardening markets, as well as highly-technical ones for:

- Conduits
- Piping
- Profiles, insulation
- Cable sheathing
- Plastic carpentry
- Calendering
- Geomembranes
- Laminated materials
- WPC (Wood-Plastic-Composites)
- Technical flooring



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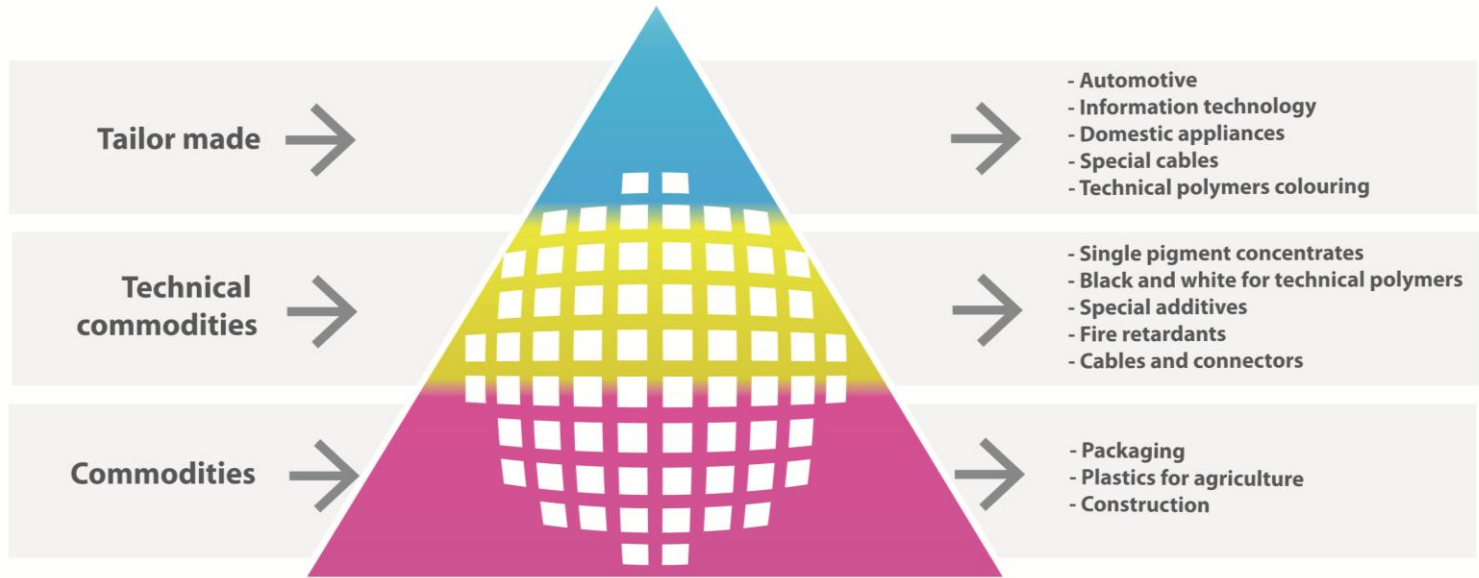


# SECTORS

	Features	Service requirements	Technical requirements	Commercial organization
Plastics	<ul style="list-style-type: none"><li>• Fragmented Market</li><li>• Large number of converters</li></ul>	<ul style="list-style-type: none"><li>• Local business</li><li>• Tailor-made products</li><li>• Quick developments</li></ul>	<ul style="list-style-type: none"><li>• High level of expertise to develop colours</li><li>• Technical assistance to converters</li></ul>	<ul style="list-style-type: none"><li>• Extensive commercial network in the domestic market</li></ul>
Cables & PVC	<ul style="list-style-type: none"><li>• Local producers</li><li>• Multinational corporations</li></ul>	<ul style="list-style-type: none"><li>• Range of suitable and specific products for this sector</li></ul>	<ul style="list-style-type: none"><li>• High level of industry expertise</li></ul>	<ul style="list-style-type: none"><li>• International commercial &amp; technical network</li><li>• Specialized distributors</li></ul>
Textile	<ul style="list-style-type: none"><li>• Large international customers</li></ul>	<ul style="list-style-type: none"><li>• Made-to-size products and SPCs tailored to each customer's spinning processes</li></ul>	<ul style="list-style-type: none"><li>• High level of industry expertise</li></ul>	<ul style="list-style-type: none"><li>• International commercial &amp; technical network</li><li>• Specialized local partners</li></ul>
OEM's Brand Owners	<ul style="list-style-type: none"><li>• <b>Long-term strategic partnership</b></li><li>• <b>Direct relationship between all departments</b></li></ul>			









- **Customer-oriented approach** : Insight into customers' needs to provide the best-fitting solutions.
  - **Co-operation from our R+D+I Department** in customers' development projects.
  - **R+D+i** : Development of new products / tailor-made products
  - **Highly skilled technical team.** State-of-the-art laboratory equipment.
- **Production flexibility** and cost control.
- **Full colouring service** : from masterbatches to compounds
- **International sales team**





**IQAP Masterbatch Group, S.L.  
Headquarters & factory**

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**IQAP Czech, s.r.o.**

**Tabor factory**

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