

Version:1.2

wire&cable



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

**At IQAP Masterbatch** we have been producing colour and additive masterbatches for the polymer industry for over 30 years. Our main goal is to supply high quality technical masterbatches for the textile, cable and plastics industry. At present we supply most European countries, Russia, the Middle East, China and North Africa. Exports represent almost 50% of our turnover.

Our three production plants, equipped with more than 40 extrusion lines, process some 11,000 T of masterbatches. Thanks to the versatility of our equipment, we can handle all sorts of orders, from 25 kg to large volumes.

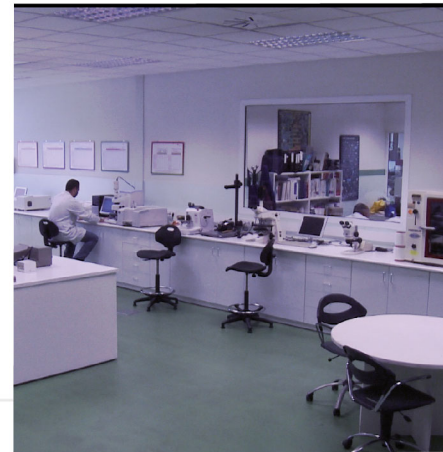


Knowledge management and innovation are our development tools and hallmarks, enabling us to achieve a solid market position. That is why we invest a large proportion of our resources in acquiring state-of-the-art equipment.

Our laboratories and pilot plants in Vic (Barcelona) and Ibi (Alicante), with a surface area of more than 2,000 m<sup>2</sup>, constitute one of the sector's most advanced research centres and are the essence of the company.

Our R&D laboratory carries out the following procedures for the tailoring of polymers and compounds:

- Colorimetry
- Thermal analysis (DSC, TGA)
- Rheological behaviour and viscosity
- Infrared spectroscopy
- Microscopy and image analysis
- Transverse and surface resistivity
- Accelerated ageing
- Behaviour in fire and fireproofing
- Mechanical properties



Our pilot plant makes a real testing ground at the service of our customers, where we verify on a small scale all the factors involved in the practical use of the designed product. As such, we can make scale reproductions of almost all the industrial processes carried out by our customers

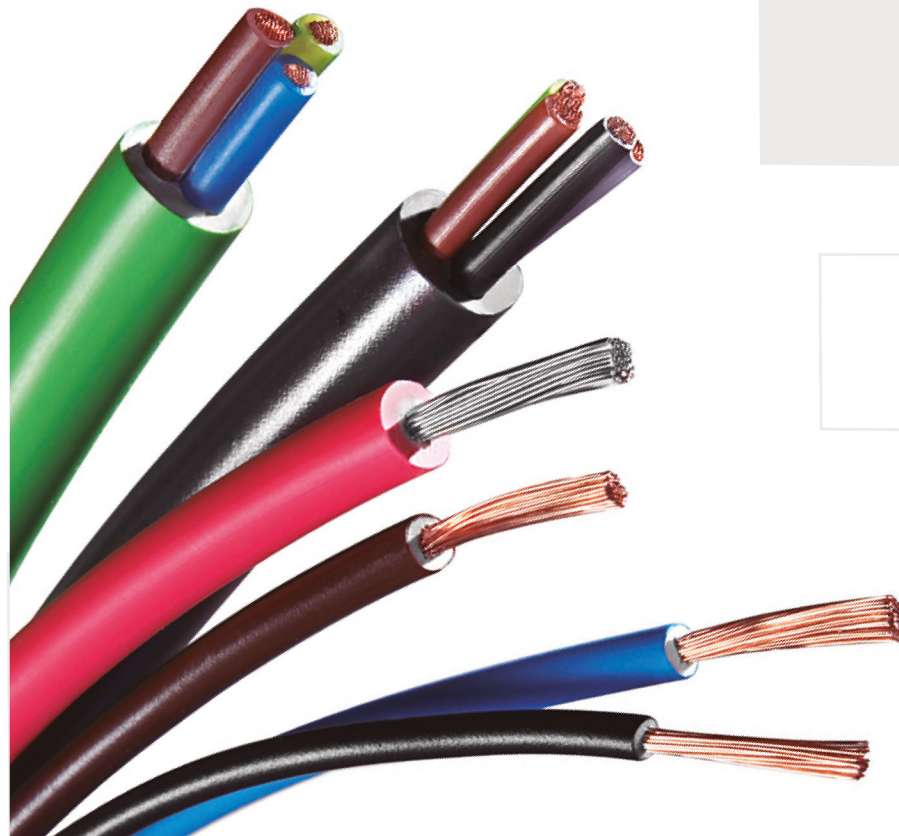
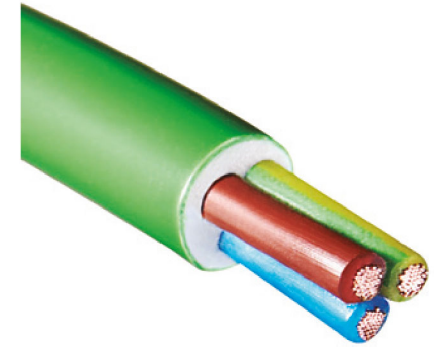


**Right from the beginning,** Iqap Masterbatch Group's history has been closely linked to the cable sector. Since 1979 we have responded to the market requirements by supplying high-quality Colour and Additive Masterbatches, but above all by providing substantial added value to our customers by means of our deep technical knowledge. We specialise in the development of tailor-made products in order to suit the most specific requirements and the most demanding processes.



We stock a wide range of **RAL, BS/IEC 304, AFNOR AND MUNSELL** standard colour and additive masterbatches for the main cable applications:

- Energy
- Telecommunication
- Data
- Automotive
- Specials



### **At IQAP we are ready to study**

and develop in conjunction with our customers all the possibilities for solving specific problems when the dispersion of an active ingredient or pigment in a polymer matrix is the key question. We offer our experience and know-how openly and are happy to modify our production processes to achieve the right tailor-made solution for each project. This is when our customers become real business and development partners. For this purpose, IQAP has a powerful sales team on a global scale that covers the entire market efficiently and at close hand.

### **To offer the best service**

and make the most of our technical capabilities it is essential to have a sales team that can communicate quickly and efficiently, giving our technicians precise information on the problem to be addressed or the needs to be met. Our sales people are specially instructed to facilitate direct contact between our technicians and customers when necessary.

Colour	Reference	Colour code	Dosage	Heat stability	Light fastness
--------	-----------	-------------	--------	----------------	----------------

## PVC For PVC cable

WHITE	CROMOFIX 00B005	RAL 9010	1%	200°C	8
BLACK	CROMOFIX 09B002	RAL 9005	1%	200°C	8
BROWN	CROMOFIX 07B127	RAL 8003	1%	200°C	6
BROWN	CROMOFIX 07B128	RAL 8002	1%	200°C	8
GREY	CROMOFIX 08B025	RAL 7035	1%	200°C	7
GREY	CROMOFIX 08B037	RAL 7032	1%	200°C	7
GREY	CROMOFIX 08B040	RAL 7012	1%	200°C	6
GREY	CROMOFIX 08B041	RAL 7001	1%	200°C	6
GREY	CROMOFIX 08B197*	RAL 7000	2%	200°C	6
GREEN	CROMOFIX 06B119	RAL 6024	1%	200°C	7
GREEN	CROMOFIX 06B017	RAL 6018	1%	200°C	7
GREEN	CROMOFIX 06B118	RAL 6016	1%	200°C	8
GREEN	CROMOFIX 06B030	RAL 6001	1%	200°C	6
BLUE	CROMOFIX 05B128	RAL 5015	1%	200°C	7
BLUE	CROMOFIX 05B030	RAL 5010	1%	200°C	6
VIOLET	CROMOFIX 04B007	RAL 4005	1%	200°C	7
RED	CROMOFIX 03B016	RAL 3020	1%	200°C	6
PINK	CROMOFIX 03B039	RAL 3015	1%	200°C	6
RED	CROMOFIX 03B014	RAL 3000	1%	200°C	6
ORANGE	CROMOFIX 02B010	RAL 2003	1%	200°C	6
YELLOW	CROMOFIX 01B038	RAL 1021	1%	200°C	7
IVORY	CROMOFIX 01B023	RAL 1015	1%	200°C	7

\* 1% RAL 7001 / 2% RAL 7000



Colour	Reference	Colour code	Dosage	Heat stability	Light fastness
--------	-----------	-------------	--------	----------------	----------------

## EVA For HFFR (Halogen Free ) Cables

WHITE	CROMOFIX 60B704	RAL 9010	1-2%	260°C	8
YELLOW	CROMOFIX 61B732	RAL 1013	1-2%	280°C	8
YELLOW	CROMOFIX 61B739	RAL 1016	1-2%	260°C	6-7
YELLOW	CROMOFIX 61B731	RAL 1018	1-2%	250°C	5-6
YELLOW	CROMOFIX 61B705	RAL 1021	1-2%	200°C	7
ORANGE	CROMOFIX 62B720	RAL 2003	1-2%	200°C	5-6
ORANGE	CROMOFIX 62B714	RAL 2004	1-2%	200°C	6
RED	CROMOFIX 63B702	RAL 3000	1-2%	200°C	6
VIOLET	CROMOFIX 65B707	RAL 4005	1-2%	240°C	6
BLUE	CROMOFIX 65B744	RAL 5005	1-2%	280°C	8
BLUE	CROMOFIX 65B731	RAL 5010	1-2%	280°C	8
BLUE	CROMOFIX 65B713	RAL 5012	1-2%	280°C	7-8
BLUE	CROMOFIX 65B703	RAL 5015	1-2%	220°C	7
GREEN	CROMOFIX 66B722	RAL 6016	1-2%	260°C	7-8
GREEN	CROMOFIX 66B706	RAL 6018	1-2%	200°C	6
GREEN	CROMOFIX 66450	RAL 6028	1-2%	200°C	7
GREEN	CROMOFIX 66B721	RAL 6029	1-2%	300°C	7
BROWN	CROMOFIX 67B755	RAL 8002	1-2%	300°C	8
BROWN	CROMOFIX 67B780	RAL 8003	1-2%	200°C	6
BROWN	CROMOFIX 67B787	RAL 8007	1-2%	200°C	6
BROWN	CROMOFIX 67B778	RAL 8011	1-2%	300°C	8
GREY	CROMOFIX 68B703	RAL 7000	1-2%	260°C	8
GREY	CROMOFIX 68B742	RAL 7001	1-2%	280°C	8
GREY	CROMOFIX 68B724	RAL 7012	1-2%	300°C	8
GREY	CROMOFIX 68B727	RAL 7035	1-2%	300°C	8
BLACK	CROMOFIX 39530	RAL 9005	1-2%	300°C	8

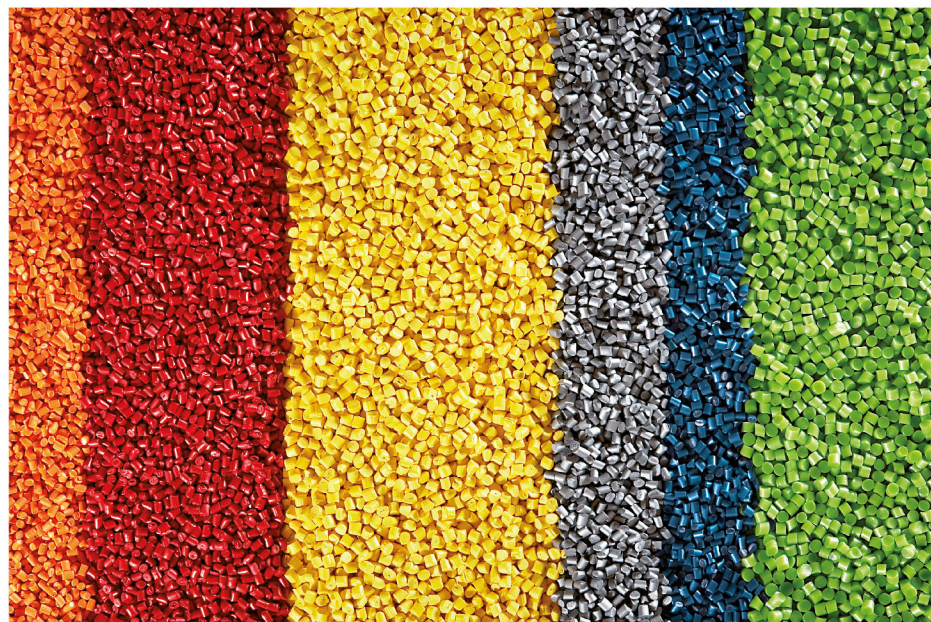
## PBT For Optical Fiber Cables (OFC) Cables

WHITE	CROMOFIX 80186	RAL 9003	1-2%	300°C	8
WHITE	CROMOFIX 80B063	RAL 9010	1-2%	300°C	8
ORANGE	CROMOFIX 82B066	RAL 2003	1-2%	280°C	6-7
ORANGE	CROMOFIX 82B029	RAL 2008	1-2%	280°C	6-7
RED	CROMOFIX 83B051	RAL 3000	1-2%	280°C	6-7
PINK	CROMOFIX 83B050	RAL 3015	1-2%	280°C	6-7
RED	CROMOFIX 83B047	RAL 3018	1-2%	280°C	6-7
RED	CROMOFIX 83B139	RAL 3020	1-2%	280°C	6-7
VIOLET	CROMOFIX 84B024	RAL 4005	1-2%	280°C	6-7
BLUE	CROMOFIX 85B205	RAL 5012	1-2%	280°C	8
GREEN	CROMOFIX 86B116	RAL 6016	1-2%	280°C	7
GREEN	CROMOFIX 86B056	RAL 6027	1-2%	280°C	7
BROWN	CROMOFIX 87B092	RAL 8007	1-2%	280°C	7
GREY	CROMOFIX 88B271	RAL 7000	1-2%	300°C	8
BLACK	CROMOFIX 89360	RAL 9005	1-2%	300°C	8

# COLOURS

Colour	Reference	Colour code	Dosage	Heat stability	Light fastness
<b>PE For XLPE Cables and HFFR (Halogen Free ) Cables</b>					
WHITE	CROMOFIX 30050	RAL 9010	1-2%	300°C	8
BLACK	CROMOFIX 39009	RAL 9005	1-2%	300°C	8
BROWN	CROMOFIX 67B090	RAL 8003	1-2%	200°C	6
GREY	CROMOFIX 68B060	RAL 7000	1-2%	220°C	6
GREY	CROMOFIX 68B044	RAL 7001	1-2%	300°C	8
GREY	CROMOFIX 68B045	RAL 7012	1-2%	270°C	7-8
GREY	CROMOFIX 68B046	RAL 7032	1-2%	270°C	7-8
GREY	CROMOFIX 68B231	RAL 7035	1-2%	260°C	8
GREEN	CROMOFIX 66B045	RAL 6018	1-2%	200°C	7
GREEN	CROMOFIX 66B038	RAL 6027	1-2%	240°C	7
GREEN	CROMOFIX 66B037	RAL 6028	1-2%	270°C	7-8
BLUE	CROMOFIX 65B050	RAL 5003	1-2%	240°C	7
BLUE	CROMOFIX 35947	RAL 5005	1-2%	220°C	7
BLUE	CROMOFIX 65B052	RAL 5012	1-2%	270°C	7-8
BLUE	CROMOFIX 65B051	RAL 5010	1-2%	270°C	7-8
BLUE	CROMOFIX 65B228	RAL 5015	1-2%	260°C	8
VIOLET	CROMOFIX 64B007	RAL 4005	1-2%	240°C	6
RED	CROMOFIX 63B049	RAL 3000	1-2%	240°C	6
PINK	CROMOFIX 63B040	RAL 3015	1-2%	260°C	7
RED	CROMOFIX 63B039	RAL 3020	1-2%	270°C	8
ORANGE	CROMOFIX 62B095	RAL 2003	1-2%	200°C	7
ORANGE	CROMOFIX 62B082	RAL 2009	1-2%	200°C	6
IVORY	CROMOFIX 61B043	RAL 1015	1-2%	270°C	7-8
YELLOW	CROMOFIX 61B041	RAL 1018	1-2%	200°C	6-7
YELLOW	CROMOFIX 61B190	RAL 1021	1-2%	200°C	6

Colour	Reference	Colour code	Dosage	Heat stability	Light fastness
<b>XLPE For XLPE VISICO/AMBICAT™ Cables</b> <small>AMBICAT™ is a trademark of Borealis</small>					
WHITE	CROMOFIX 60B047	RAL 9003	1-2%	300°C	8
WHITE	CROMOFIX 60B032	RAL 9010	1-2%	300°C	8
YELLOW	CROMOFIX 61B072	RAL 1018	1-2%	250°C	5-6
YELLOW	CROMOFIX 61B073	RAL 1021	1-2%	240°C	6-7
IVORY	CROMOFIX 61B074	RAL 1015	1-2%	300°C	8
YELLOW	CROMOFIX 61B152	RAL 1016	1-2%	260°C	7
ORANGE	CROMOFIX 62B024	RAL 2003	1-2%	240°C	5-6
ORANGE	CROMOFIX 62B043	RAL 2008	1-2%	250°C	5-6
ORANGE	CROMOFIX 62B101	RAL 2004	1-2%	260°C	8
RED	CROMOFIX 63B080	RAL 3000	1-2%	300°C	8
RED	CROMOFIX 63B089	RAL 3020	1-2%	300°C	8
PINK	CROMOFIX 63B088	RAL 3015	1-2%	280°C	7
VIOLET	CROMOFIX 64B015	RAL 4005	1-2%	300°C	8
BLUE	CROMOFIX 65B087	RAL 5007	1-2%	300°C	8
BLUE	CROMOFIX 65B088	RAL 5015	1-2%	300°C	8
BLUE	CROMOFIX 65B090	RAL 5012	1-2%	300°C	7-8
BLUE	CROMOFIX 65B091	RAL 5010	1-2%	300°C	8
GREEN	CROMOFIX 66B074	RAL 6016	1-2%	260°C	7-8
GREEN	CROMOFIX 66B076	RAL 6018	1-2%	260°C	7-8
GREEN	CROMOFIX 66B129	RAL 6024	1-2%	300°C	7-6
BROWN	CROMOFIX 67B031	RAL 8003	1-2%	260°C	7
BROWN	CROMOFIX 67B057	RAL 8025	1-2%	300°C	8
GREY	CROMOFIX 68B098	RAL 7000	1-2%	240°C	5-6
GREY	CROMOFIX 68B104	RAL 7001	1-2%	300°C	8
GREY	CROMOFIX 68B144	RAL 7012	1-2%	300°C	8
GREY	CROMOFIX 68B265	RAL 7035	1-2%	300°C	8
GREY	CROMOFIX 68B135	RAL 7037	1-2%	300°C	8
GREY	CROMOFIX 68B094	RAL 7042	1-2%	300°C	8
GREY	CROMOFIX 68B136	RAL 7046	1-2%	280°C	7-6
BLACK	CROMOFIX 69B018	RAL 9005	1-2%	300°C	8



ALL OUR MASTERBATCHES ARE HEAVY METAL FREE AND FULFILL NORM 2011/95/CE ROHS



## ADDITIVES

Reference	Carrier	Active ingredient	% Additive	Application
CROMOFIX 00737	PVC	Slip	0,5 - 2	PVC Cables
CROMOFIX 50B029	PVC	UV absorber	1 - 3	PVC Cables
CROMOFIX 50B918	PVC	Antimony trioxide		PVC Cables
CROMOFIX 50B194	PVC	UV absorber + Phenolic antioxidant	1 - 3	PVC Cables
CROMOFIX 50B500	Universal	Endothermic blowing agent	2 - 4	Power, data and telecom cables
CROMOFIX 50B629	PVC	Biocide	5	PVC Cables
CROMOFIX 50B031	EVA	HALS oligomeric	1 - 3	Power, data and telecom cables
CROMOFIX 50179	LDPE	Phenolic antioxidant	1 - 2	Power, data and telecom cables
CROMOFIX 50B032	LDPE	Phenolic antioxidant / metal deactivator	1 - 2	Power, data and telecom cables
CROMOFIX 50070	LDPE	HALS polymeric	1 - 3	Power, data and telecom cables
CROMOFIX 50B611	LDPE	Biocide	5	Power, data and telecom cables
CROMOFIX 50197	LDPE	Slip	1 - 2	Poliiolefines
CROMOFIX 50124	LDPE	Processing aid	1	Power, data and telecom cables
CROMOFIX 50B433	LDPE	Processing aid	1 - 3	Power, data and telecom cables
CROMOFIX 50B195	LDPE	HALS high efficiency polymeric	1,5	Power, data and telecom cables
CROMOFIX 50048	LDPE	Antistatic	3	Power, data and telecom cables

### DISCLAIMER

The data and information presented herein are based on IQAP's current knowledge and experience. They do not constitute the agreed contractual quality of the product and are provided for guidance only. As many factors might affect processing and application of the product, IQAP recommends that customers carry out their own tests and controls to assess the suitability of a product for a particular purpose prior to use. No warranties of any kind are made regarding products described, data or information set forth herein. All descriptions, data and information given in this catalogue may change without prior notice. IQAP assumes no liability for the data and information given or results obtained.



**IQAP Masterbatch Group, S.L.**

**Headquarters & factory**

Ctra. C-153, Km 5  
08510 MASIES DE RODA - SPAIN  
Tel.: + 34 938 500 066  
Fax: + 34 938 540 260

**IQAP Masterbatch Group, S.L.**

**Ibi factory**

C/ Guadalajara, 6  
Polígono Industrial L'Alfaç  
03440 IBI - SPAIN  
Tel.: + 34 965 554 949  
Fax: + 34 966 555 051

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

**Tabor factory**

Prumyslová, 451  
Planá nad Luznici  
CZ- 391 02 SEZIMOVO ÚSTI 2  
CZECH REPUBLIC  
Tel.: + 420 381 621 170  
Fax: + 420 381 621 171

[www.iqapgroup.com](http://www.iqapgroup.com)



**IQAP**  
masterbatch

At the vanguard of masterbatch