

PET-BASCO® masterbatches for colouring and modification of PET goods are created considering of the specific features of the equipment, the customer requirements and basing on many years of BARS-2 experience.

BARS-2 Scientific and Production Company

Head Office:

Optikov 4, 197374, Saint-Petersburg, Russia

Tel.: +7 812 346 78 82 ext.487

Tel.: +7 812 346 78 82 ext.454

Fax: +7 812 346 78 82 ext. 0

E-mail: bars2@bars2.com

basco-masterbatch.com



All PET-BASCO® masterbatches have good processability, they provide bright, saturated colours with minimum dosage for different goods.

PET-BASCO® additive masterbatches are used for the modification of the properties of polymer goods – slip, antistatic, etc., and also to improve the properties of the recycled PET.

Scientific & Production Company BARS-2 is a leader of Russian and CIS market of masterbatches. Founded in 1992, our company focuses its activity on development and production of color and additive masterbatches for coloring and modification of thermoplastic polymers.

Today BARS-2 has several production plants in Russia. BARS-2 Quality Management System has been operating in accordance with requirements of ISO 9001:2015 in IQNET system since 2004.

PET-BASCO® Masterbatches for PET

PET-BASCO® masterbatches
for colouring and modification
of PET goods



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PET-BASCO® Premium grades for colouring of PET preforms

Scientific and production company BARS-2 produces a wide range of PET-BASCO® masterbatches for colouring and modification of PET goods. We offer two white grades for PET bottles of dairy products: **P55010/01-PT** with 70% content of titanium dioxide and **P55010/32-PT** with 65% content of titanium dioxide. Both grades have a high whiteness and provide opaque snow-white colour with minimum dosage for different goods.

Grade	Colour	Dosage, %
Colouring of PET bottles for dairy products		
P55010/01-PT	Snow-white (70%)	0,8 – 1,0
P55010/32-PT	Snow-white (65%)	0,9 – 1,1

We developed a range of masterbatches for the colouring of PET-preforms for soft drinks, beer and mineral water.

Grade	Colour	Dosage, %
For soft drinks and mineral water		
P55405/01-PT	Green transparent	0,4 – 0,6
P55501/11-PB	Turquoise transparent	0,3 – 0,5
P55505/17-PB	Blue transparent	0,2 – 0,4
P55606/01-PB	Violet transparent	0,2 – 0,4
For beer		
P55703/12-PB	Brown transparent	0,4 – 0,6
P55703/20-PT	Brown transparent	1,4 – 1,6



PET-BASCO® Standard grades for the extrusion of sheets, films and packaging tapes

We also created a wide range of masterbatches for colouring of PET sheets, films and packing tapes.

Grade	Colour	Dosage, %
P55010/03-PT	Snow-white (70%)	0,8 – 1,0
P55106/10-PT	Red transparent	0,8 – 2,0
P55206/24-PB	Orange transparent	0,4 – 0,6
P55305/11-PT	Yellow	1,8 – 2,0
P55401/18-PT	Light green	1,8 – 2,0
P55405/01-PT	Green transparent	0,4 – 0,6
P55410/25-PT	Green	1,3 – 1,5
P55501/10-PT	Turquoise transparent	0,3 – 0,5
P55505/01-PT	Blue transparent	0,2 – 0,4
P55602/15-PT	Violet transparent	0,9 – 1,0
P55708/01-PT	Brown	1,8 – 2,0
P55805/02-PT	Gray	1,8 – 2,0
P55820/01-PT	Silver Metallic	1,8 – 2,0
P55901/02-PT	Black	0,3 – 0,5
P55902/26-PB	Black transparent	0,4 – 0,6

PET-BASCO® masterbatches for colouring of polyester fibers

We offer the black and white masterbatches for colouring PET fibers:

Grade	Colour	Dosage, %
Colouring of PET fibers		
P55010/51-PT	Snow-white	3,0 – 5,0
P55901/51-PT	Black	3,0 – 5,0

We can also produce custom colour masterbatches for polyester fibers according to the customer requirements.

All mentioned BASCO® masterbatches have food, toy and packaging approvals of Customs Union.

PET-BASCO® Additive Masterbatches

BARS-2 company produces a wide range of PET-BASCO® additive masterbatches for PET goods – preforms, sheets, tapes and films. PET-BASCO® additive MB are used for the modification of PET properties (slip, antiblock, antistatic, heat stability, etc.).



Grade	Name	Dosage, %	Application
P50010/01-PT	Heat Stabilizer	2,0	Heat stabilization of PET, especially before the stopping and then the starting up of the equipment
P50011/10-PT	Light Stabilizer	1,5 – 6,0	UV protection of PET packaging and packaged goods
P50012/03-PT	Slip Agent (8%)	2,0	Better slip and antiblock properties of PET sheets and films
P50015/01-PT	Antiblock (7%)	2,0	
P50016/02-PT	Combi-Batch: Slip & Antiblock (8%+7%)	2,0	
P50018/03-PB	Optical Brightener	0,06 – 0,1	For more brightness of goods
P50019/01-PT	Shade-Reducer	0,3 – 0,5	"Anti-Yellow", to reduce the yellowness and control of PET shade
P50021/02-PB	Antistatic Additive (20%)	1,5	Decreasing of surface resistance and solving problems caused by static electricity
P50025/01-PT	Processing Aids (2,5%)	2,0	Improving of the processability and flow behavior of melt polymers, increasing of output, eliminating melt fracture and plate-out of extruded films
P50032/01-PT	Cleaning Additive	2,0 – 4,0	Cleaning additive for effective and gentle cleaning of the equipment