

The assortment of BASCO® white polyolefin masterbatches consists of three main groups: premium, standard and economy grades.

Snow-white masterbatches of premium grades (PF1007/06-LP, PF1007/07-LP, PF1010/99-LP etc.) are recommended for colouring thin, multilayer and lamination PE-films with the content of masterbatches up to 30% without decreasing of mechanical properties of PE-films. This grade contains up to 70% titanium dioxide from world-famous companies: Kronos (USA) and DuPont (USA). Titanium dioxide from alternative suppliers is used for the production of white grades such as P1001 and PF1001.

Snow-white masterbatches of standard grades (PF1010/05-PE, PF1007/27-LP, PF1010/03-LP, PF1010/56-LP, etc). The recommended dosage is 2–15%.

Economic grades (PF1001/110-PE, PF1001/31-PE, PF1001/08-PE, PF1001/07-LP etc) for colouring LDPE and HDPE packaging bags. The recommended dosage is 2-5%.

BARS-2 Scientific and Production Company

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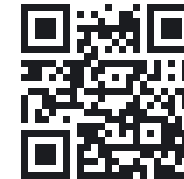
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Scientific & Production Company BARS-2 is a leader of Russian and CIS market of masterbatches. Founded in 1992, our company focuses its activity on development and production of color and additive masterbatches (MB) for coloring and modification of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

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

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## BASCO® White Masterbatches

BASCO® white polyolefin masterbatches have good opacity and bright white colour



ISO 9001



Reg. № ПООС RUAC09.01000

## Premium grades

Grade	Polymer base	% TiO2	Loading, %	Additives*	MFR, g/10 min (2,16; 190°C)	Whiteness, WI, D65	Optical density	Filter-pressure test, bar/g (5 mcm)	Application
PF1007/07-LP	LLDPE	70	70	PPA	10±2	91±2	0,45	1,0	Multilayer films, including milk packages, lamination films
PF1007/06-LP	LLDPE	60	60	PPA	16±2	91±2	0,40	1,0	
PF1010/99-LP	LLDPE	70	70	PPA	10±2	90±2	0,45	1,5	Multilayer films, packaging PE-films

\* – additives: polymer processing aid (PPA)

## Standard grades

Grade	Polymer base	% TiO2	Loading, %	Additives*	MFR, g/10 min	Whiteness, WI, D65	Optical density	Filter-pressure test, bar/g (5 mcm)	Application
PF1007/30-LP	LLDPE	70	70	-	10±3 (2,16; 190°C)	88±2	0,45	1,5	Multilayer films, packaging PE-films
PF1007/27-LP	LLDPE	70	70	-	10±3 (2,16; 190°C)	85±2	0,45	2,5	
PF1007/26-LP	LLDPE	60	60	-	10±3 (2,16; 190°C)	85±2	0,40	2,0	
PF1010/03-LP	LLDPE	60	80	-	10±3 (2,16; 190°C)	85±2	0,40	5,0	Packaging PE-films, extrusion, injection molding and blow molding goods high quality and high whiteness
PF1010/150-LP	LLDPE	60	75	-	20±5 (2,16; 190°C)	88±2	0,40	5,0	
PF1010/050-LP	LLDPE	60	75	BU	20±5 (2,16; 190°C)	90±2	0,40	5,0	
PF1010/05-PE	LDPE	60	75	BU	20±5 (2,16; 190°C)	89±2	0,40	8,0	
P1010/01-PE	LDPE	50	60	BU	9±2 (2,16; 190°C)	90±2	0,30	5,0	
PF1010/01-PE	LDPE	50	70	BU	38±5 (2,16; 190°C)	89±2	0,30	3,0	Colouring extrusion, injection molding and blow molding goods, packaging PE-films
PF1010/13-PE	LDPE	50	70	-	22±5 (2,16; 190°C)	90±2	0,30	5,0	
PF1010/56-LP	LLDPE	45	80	-	10±3 (2,16; 190°C)	88±2	0,30	5,0	Colouring extrusion, injection molding and blow molding goods from polyolefins
P1015/13-PP	PP	60	60	-	7±2 (2,16; 230°C)	85±2	0,35	5,0	
P1010/06-PP	PP	60	60	BU	7±2 (2,16; 230°C)	88±2	0,35	2,0	
P1010/16-PP	PP	60	78	BU	7±2 (2,16; 230°C)	85±2	0,30	0,2	
P1010/13-PP	PP	30	30	BU	7±2 (2,16; 230°C; 1,18 mm)	-	0,20	3,5	

\* – additives: bluish undertone (BU)

## Economy grades

Grade	Polymer base	% TiO2	Loading, %	Additives*	MFR, g/10 min (2,16; 190°C)	Whiteness, WI, D65	Optical density	Filter-pressure test, bar/g (10 mcm)	Application
PF1001/110-PE	LDPE	60	78	BU	20±4	87±2	0,35	5,0	Colouring extrusion, injection molding and blow molding goods, packaging PE-films
PF1010/58-LP	LLDPE	50	75	-	10±3	83±2	0,30	2,0	
PF1001/04-LP	LLDPE	50	75	-	18±2	82±2	0,30	2,0	
PF1001/31-PE	LDPE	45	75	-	15±5	80±2	0,30	5,0	
PF1001/08-PE	LDPE	40	80	BU, PPA	10±3	86±2	0,25	5,0	
PF1001/107-PE	LDPE	35	75	-	15±5	80±2	0,25	5,0	
PF1001/07-LP	LLDPE	25	75	-	12±4	90±2	0,20	5,0	

\* – additives: bluish undertone (BU), polymer processing aid (PPA)