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Company BARS-2 produces the wide range of BASCO® additive masterbatches for modification of different thermoplastics. These masterbatches are used to change a lot of properties of polymer goods, to make them better and more attractive for customers: longer lifetime, better surface properties, good transparency etc. Processing additive masterbatches help to have cost effective production processes – easy producing, low amount of wastes, higher output. With BASCO® additive masterbatches we are always glad to help you to solve your production problems and to be more competitive.

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 sites in Russia. BARS-2 Quality Management System is in accordance with requirements of ISO 9001-2008 in IQNET system since 2004.

We make the world colourful!



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BASCO® Additive Masterbatches

BARS-2
Scientific & Production Company

We make the world colourful!



BASCO® Additive Masterbatches

Grade	Name	Additive	Application	Recommended dosage, %			
PF0010/01-PE	REVTOL®	Complex of additives	Recycling of PE films	3-5			
P0011/01-PS	Light stabilizers	HALS & UV absorber – 10%	UV protecting of polystyrene goods	1-3			
PF0011/20-PE	Light stabilizers	HALS – 20%	Light protection of agricultural films, PP fabrics, cosmetic packages and other goods, used under sun light and daylight lamps	1-3			
PF0011/20-PP		HALS – 20%.					
PF0011/26-PE		Microcalcite – 40-50%					
TF0011/28-PP		Polymeric HALS – 20%					
PV0011/30-PP		Complex of Polymeric HALS – 20%					
PV0011/39-PP		Polymeric HALS – 20% (low odor)					
PV0011/32-PP	UV Filter	UV absorber	UV protection of PE&PP packages and packaged products	UV absorbance up to 80%			
PV0011/33-PP				UV absorbance up to 95%			
PF0011/80-PE				2-3			
PF0011/95-PE	Slip	Oleamide – 6%	Good slip properties of PO films	0,5-1,5			
PF0012/01-PE		Oleamide – 12%					
PF0013/01-PE		Erucamide – 6%					
PF0013/11-PE		Erucamide – 8%					
PF0013/12-PE		Erucamide – 12%					
PF0013/25-PE		Secondary amide 10%					
PF0013/02-PP		Erucamide – 10%			Good slip properties of blown and cast PP films		
PF0013/14-LP		Erucamide – 10%			Good slip properties of stretch LLDPE films		
P0013/10-PS		Erucamide – 10%			Good shine, demoulding, denesting HIPS goods (package, disposable dishes etc.)		
P0013/20-PS		Fatty acid ester – 15%			Good slip properties of PA films		
PF0013/05-PA		Fatty acid amide – 15%					
P0014/01-PE		Heat stabilizers (STOP-MB)			Synergetic mixtures of primary and secondary antioxidants	Heat stabilization of polyolefin, especially before stop and then start-up of the equipment	0,5-2,0
PF0014/05-LP		Heat stabilizers				Heat stabilization of cast- and stretch LLDPE films	
P0014/06-PS	Heat stabilization of PS goods						
P0014/10-PP	Heat stabilization of PP goods						
P0014/11-PA	Heat stabilization of PA						
PF0015/09-PE	Antiblock	Natural crystal silica – 20%	Against blocking of PO films	0,5-1,5			
PF0015/05-PE		Organic antiblock – 10%					
PF0016/01-PE	Combi-batch:slip & antiblock	Oleamide – 6% & synthetic silica – 7%	Better slipping and against blocking of PO films	0,5-1,5			
PF0016/09-PE		Oleamide – 6% & natural silica – 20%					
PF0017/09-PE		Erucamide – 6% & natural silica – 20%					
PF0017/13-LP		Erucamide – 5% & natural amorphous silica – 20%			Better slipping and against blocking of PO multilayer & stretch films		
PF0017/17-PA		Fatty acid amide – 10% & natural amorphous silica – 3%			Better slipping and against blocking of PA films		
PF0018/01-PE	Antislip	UHMW PE	Lower slipping of PO films	1,5-2,0			
P0020/01-UP	REVTEN®	Complex of additives	Recycling of HIPS	2-3			
PF0021/11-PE	Antistatics	GMS 10%	Decreasing of surface resistance and solving problems caused by static electricity	3-4			
PF0021/02-SE		Mixture of GMS and ethoxylated amine 18%					
PF0021/12-PE		Alkylsulfonate 30%					
P0021/03-PS		Sorbitan ester 8%					
PF0022/11-PE	Antifog	Fatty acid ester 15%	Preventing of the condensation of water on a food packages and agricultural film's surfaces	3-4			
PF0022/12-PE		Fatty acid ester 40%					
PF0022/05-PE							
P0023/21-PP	Clarifier	DBS – 10%	Clarifying of injection molded and extruded PP goods	1,5-2			
P0023/22-PP		MDBS – 10%					
P0023/28-PP		MDBS – 10%, economy					
P0023/05-PP		MDBS – 10%, brightened					
P0023/03-PP		4 th generation nucleator					
P0024/01-PE	Freeze resistance	Complex of stabilizers and low temperature impact modifiers	Decreasing of the brittle temperature and better low temperature elasticity of PP	2-5			
P0024/02-PP							

Note: 1. The polymer base of BASCO® masterbatches is specified in the grades in the following way: PE – LDPE, LP – LLDPE, PP – homo-polypropylene, PS – GPPS, SE – EVA, UP - HIPS, SN– SAN, PA – polyamide, PM – PMMA. The above mentioned BASCO® masterbatches marked with the first letter "P" have food, toy and packaging Russian approvals, masterbatches marked with the first letter "T" are only for technical using.

Grade	Name	Additive	Application	Recommended dosage, %				
PF0025/01-PE	Processing aids	1 st gen. fluorelastomer PPA 2,5%	Improving of the processability and handling polymers, increasing of output, eliminating melt fracture and plate-out of extruded films, tubes, sheets, profiles	First step (30-40 min) - 5%, constant 0,3-0,5%				
PF0025/13-LP		5%						
PF0025/31-LP		3 rd gen. fluorelastomer PPA 3%						
P0025/02-PE		1 st gen. fluorelastomer PPA 2,5%						
PF0025/21-PE		3 rd gen. fluorelastomer PPA 3%						
P0025/22-PE		3 rd gen. fluorelastomer PPA 3%						
PF0025/31-LP		3 rd gen. fluorelastomer PPA 3%						
PF0025/32-LP		3 rd gen. fluorelastomer PPA 3%						
P0025/03-PS		Fluoroelastome PPA 2,5%						
P0025/14-SN		Fluoroelastome PPA 2,5%						
PV0025/08-PP		3 rd gen. fluorelastomer PPA 3%						
PF0025/16-PP		1 st gen. fluorelastomer PPA 3%						
P0025/04-SV		1 st gen. fluorelastomer PPA 2,5%						
P0025/10-PA		Fluoroelastome PPA 2,5%						
P0025/11-PM	Fluoroelastome PPA 3%							
PF0026/01-PE	EXTRUDEN®	Proprietary complex of additives	Complex MB for better processability	0,3-2				
PF0026/02-PP								
P0026/03-SN-21								
PV0026/08-PP								
PF0026/10-LP								
P0026/12-PM								
PF0026/11-PA								
PF0026/40-BP								
P0027/01-SE					Blowing agent	ADC – 30%	Foaming of PO films and sheets, decreasing of shrinkage, process temperature 160-200°C	2-10
P0027/12-PE						ADC – 45%		
PF0028/01-PE	BASCO-AMD	Antimicrobial	Hygienic protection of PO films, packages and goods	1,5-2				
P0028/02-PS								
P0028/05-PE	BASCO-AMD	Antimicrobial, silver containing	Hygienic protection of PS packages and goods	1,5-2				
P0029/01-PP								
P0029/02-PP	MFI modifier	10% organic peroxide	PP reology controller	0,3-3				
P0030/01-PE		7,5% organic peroxide						
P0030/03-PE	CLEANOL®	Mineral slight abrasive filler and detergent	Fast change of colors and purging of extrusion and molding equipment	30-40				
P0031/01-UP	CLEANSTYRE®							
T0035/01-PE	Dryer	Mineral acceptor of water and acids	Processing of wet recycled PE, PP, PVC	0,5-2				
P0050/01-PP	Anti-fibrillating	Micronized hydrophobic calcium carbonate – 80%: PP base	Against splitting of raffia during production of PP fabrics	1,5-2,5				
PF0050/02-PE	MELOLEN®	Micronized hydrophobic calcium carbonate – 80%: LDPE base	Production of thin PO films with better processing and cost saving	2-5				
PF0050/05-LP	POLYBUM®	Special calcium carbonate – 75%, LLDPE base	Paper-like food packaging films	30-50				
PF0050/15-LP			Paper-like food packaging films, high whiteness					
PF0050/18-LP			Paper-like food packaging films, low MFR					
P0060/01-PE	Talcum	Microtalcum – 60%	Reinforcement filler for extruded and molded goods	5-10				
P0060/02-PP								
P0060/10-PS								
P0060/13-PS								
P0060/14-PE								
P0065/01-PE	Heat saving	Mineral filler – 60%	Films for greenhouse temperature control	7-10				
PF0070/13-SE	Aroma	Fragrant agents	Nice scent of plastic packages: apricot	1-5				
T0091/11-PE	Masterflame	Bromine based flame retardant with synergetic additives	Increasing of fire safety, decreasing of the flammability of PE goods, processing temperature up to 300°C	15-20 (V-2)				
T0091/12-PP					80%, LDPE base			
T0090/13-PS					80%, h-PP base			
T0091/03-PS					70%, GPPS base			
TE0090/27-PS					75%, GPPS base			
T0091/21-PE					50%, GPPS base			
T0091/24-SN					80%, LDPE base			
TF0092/01-PE					80%, SAN base			
					50%, LDPE base			