

Product range of BASCO® Additive Masterbatches

Grade	Name	Additive	Application	Recomm. dosage, %	
PF0010/01-PE	REVTOL®	Complex of additives	Recycling of PE films	3-5	
P0011/01-PS	Light stabilizers	HALS and UV absorber – 10%	UV protecting of polystyrene goods	1-3	
PF0011/05-PE		20% HALS, agro-chemical resistant	Light protection of agricultural films, PP fabrics, cosmetics packages and other goods, used under sunlight and daylight lamps		
PF0011/18-PE		Olygmeric HALS – 20%, economic analogue PF0011/20-PE			
PF0011/20-PE		Olygmeric HALS – 20%			
PF0011/26-PE		Olygmeric HALS – 20%, microcalcite - 50%			
PF0011/23-PE		Mixture of the stabilizers – 25%, premium			
PF0011/20-PP		Olygmeric HALS – 20%			Light protection of PP fibers, spunbond, non-woven fabrics and other PP goods
TF0011/27-PP		Monomeric HALS – 20%			
TF0011/28-PP		Monomeric HALS – 20%, microcalcite 30%			
PV0011/30-PP		Polymeric HALS – 20%			Light protection of PP fibers, spunbond, non-woven fabrics
PV0011/39-PP		Mixture of polymeric HALS – 20%			
PV0011/32-PP		Polymeric HALS – 20% (low odor)			
PV0011/33-PP		Polymeric HALS – 30%			Light protection of PP film tapes and raffia (twine, bags, big-bags)
PF0011/42-PP		Olygmeric HALS – 30%			
TF0011/43-PP	Monomeric HALS – 30%				
P0011/24-SN	Mixture of stabilizers – 13%	For extruded sheets and injection molded goods	1-4		
P0011/15-SN	Mixture of stabilizers – 20%	made of ABS and SAN	1-3		
PF0011/80-PE	UV Filter	UV absorbers	UV protection of PE and PP packages and packaged products	UV absorbance 80%	
PF0011/95-PE				UV absorbance 95%	
T9011/01-1	Light stabilizers	Mixture of stabilizers – 20%	For goods made of rigid and plasticized PVC	1-4	
PF0012/01-PE	Slip	Oleamide – 6%	For improvement of PO films slip properties	0,5-1,5	
PF0013/01-PE		Erucamide – 6%			
PF0013/11-PE		Erucamide – 8%			
PF0013/02-PP		Erucamide – 10%	For improvement of blown and cast PP films slip properties		
P0013/10-PS		Erucamide – 10%	For shine improvement, demolding, denesting HIPS goods (package, disposable dishes etc.)		
P0013/20-PS		Fatty acid ester – 15%			
PF0013/50-LP	Slip	Non-migrating polysilicone slip	For improvement of PE films and tubes slip properties	10-20	
P0014/01-PE	Heat stabilizers (STOP-MB)	Synergetic mixture of primary and secondary antioxidants	Heat stabilization of polyolefin, especially before the stopping and then the start-up of the equipment	0,5-2	
P0014/06-PS			Heat stabilization of PS goods		
P0014/10-PP			Heat stabilization of blown and cast PP films		
P0014/24-LP	Heat stabilizers	Heat stabilizer – metal deactivator	For LDPE and LLDPE films (tube and cable insulations)	1-3	
PF0015/01-PE	Antilock	Synthetic silica – 7%	Against blocking of PO films	0,5-1,5	
PF0015/09-PE		Natural crystal silica – 20%			
PF0016/09-PE	Combi-batch: slip & antiblock	Oleamide – 6% & synthetic silica – 7%	For better slipping and against blocking of PO films	0,5-1,5	
PF0017/09-PE		Erucamide – 6% & natural silica – 20%			
PF0018/01-PE	Antislip	UHMW PE	For the decreasing of LDPE films slipping	1,5-2	
P0020/01-UP	REVTEN®	Complex of additives	Recycling of HIPS	2-3	
PF0021/11-PE	Antistatic	GMS	Decreasing of surface resistance and solving problems caused by static electricity	3-4	
PF0021/12-PE		Mixture of GMS and ethoxylated amine			
P0021/03-PS		Alkylsulfonate			
PF0022/11-PE	Antifog	Sorbitan ester 8%	Preventing of water droplets condensation on agricultural films' surfaces	3-5	
PF0022/12-PE		Fatty acid ester – 15%	Preventing of water droplets condensation on food packages and agricultural films' surfaces	3-5	

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Grade	Name	Additive	Application	Recomm. dosage, %	
P0023/22-PP	Clarifier	MDBS – 10%	Clarifying of injection molded and extruded PP goods	1,5-2	
P0023/28-PP		MDBS – 8%			
P0023/05-PP		MDBS – 9%, brightened			
P0023/32-PP	Nucleator	Nucleator	Decreasing of PP goods shrinkage and warpage	1,5-2	
P0024/01-PE	Elasticity modifier of PP	Complex of low temperature impact modifiers and stabilizers	Decreasing of the brittle temperature and increasing of the elasticity of PP at low temperatures	2-5	
P0024/04-PE					
PF0025/01-PE	Polymer processing aids	1st gen. fluorelastomer PPA	Improving of the polymers processability, output increasing, eliminating of melt fracture and plate-out of extruded films, tubes, sheets, profiles	First step (30-40 min) – 3-5%, constant 0,3-0,5%	
PF0025/13-LP					2,5%
P0025/02-PE		5,0%			LDPE, HDPE, LLDPE,PP
PF0025/21-PE		2,5%			LPDE
PF0025/22-PE		3,0%			LDPE, HDPE, LLDPE,PP
PF0025/31-LP		3,0%			LDPE, HDPE, LLDPE
PF0025/32-LP		3,0%			LDPE, HDPE, LLDPE
P0025/03-PS		3rd gen. fluorelastomer PPA			GPPS, HIPS, ABS
P0025/14-SN-21		1st gen. fluorelastomer PPA			ABS, SAN
PF0025/14-SN-21		3,0 %			
PF0026/01-PE	EXTRUDEN®	Proprietary complex of additives	Complex MB for processability improvement	0,3-0,5	
P0026/03-SN-21					PO films
PV0026/08-PP					Sheets made of SAN, ABS
PF0026/10-LP					PP fibers Blown & cast LLDPE films
P0027/01-SE	Foaming agent	ADC – 30%	Foaming of PO goods, decreasing of shrinkage, processing temperature – 160-200°C	2-10	
P0027/12-PE		ADC – 45%	Foaming of PO goods, decreasing of shrinkage, processing temperature – 200-250°C		
P0027/15-SE		Endothermic foaming agent – 25%	Foaming of PO, PVC, TPU goods, decreasing of shrinkage, processing temperature – 140-170°C		
P90027/05-ES	Liquid foaming MB	Mixture of the exo- and endothermic blowing agents– 60% on the base of ESO	For PVC sheets	1-5	
P0029/01-PP	MFR modifier	Organic peroxide – 10 %	PP reology controller	0,3-0,5	
P0029/02-PP		Organic peroxide – 7,5 %		0,3-0,8	
P0029/03-PP		Organic peroxide – 4 %		0,5-1,0	
P0030/03-PE	CLEANOL®	Mineral slight abrasive filler and detergent	Fast purging and color changing of extrusion and molding equipment	30-50	
P0030/05-PE					
P0031/01-UP	CLEANSTYRE®				
PF0030/04-PE	CLEANOL®	Active detergent	Fast purging and color changing of hot-channel injection molding machines	25-40	
P0035/01-PE	Desiccant	Mineral acceptor of water and acids	Processing of wet recycled PE, PP, PVC	0,5-2	
T0035/09-PE					
P0040/42-PP	Process modifier	Complex of internal lubricants and processing additives	For mold release improvement, warping and shrinkage elimination	0,5-1	
P0040/43-PS					For PP
P0040/44-LP					For PS, HIPS, ABS For HDPE, PP
PF0050/05-LP	POLYBUM®	Special treated calcium carbonate – 75%, LLDPE base	For paper-like food packaging films	30-50	
PF0050/18-LP			For paper-like food packaging films (low MFI)		
PF0050/09-LP	MELOLEN®	Micronized hydrophobic calcium carbonate– 80%, LLDPE base, economic	Production of thin PO films with better processing and cost saving	up to 30	
PF0050/10-LP		Micronized hydrophobic micro calcite – 80%, LLDPE base			
T0055/01-PS	Graphite filled	Fine colloid graphite – 30%	Heat- and electric-conducting filler	5-30	

Note:

- The polymer base of BASCO® masterbatches is specified under the grade's name as the following : 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 for technical use only.

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Grade	Name	Additive	Application	Recomm. dosage, %	
P0060/02-PP	Talcum filled	Microtalcum – 60%	Reinforcement filler and nucleator for foamed sheets and plates	up to 5	
P0060/14-PE					
P0060/15-PS					
PF0065/01-PE	Heat saver	Mineral filler – 60%	Films for greenhouse temperature control	7-10	
PF0070/01-SE	Aroma	Fragrant agents Vanilla	For pleasant scent of plastic packages	1-5	
PF0070/13-SE		Fragrant agents Apricot			
T0071/01-PS	Light-scattering	Polymer modifier	For point light sources dispersion	3-5	
T0071/03-SN					
P0080/01-PE	Optical brightener	Optical brighteners	Increasing the whiteness. The product looks whiter and brighter	1-2	
P0080/03-PS					
PF0080/04-LP					
P0080/11-SN					
Masterflame®	T0091/11-PE	Bromine based flame retardant with synergetic additives	80%, LDPE base	Decreasing of PE goods flammability, processing temperature up to 300°C	15-20 (V-2)
	T0091/12-PP		80%, PP base	Decreasing of PP goods flammability, processing temperature up to 300°C	18-20 (V-0)
	T0090/13-PS		70%, GPPS base	Decreasing of PS goods flammability, processing temperature not more 220°C	15-20 (V-0)
	T0091/03-PS		75%, GPPS base	Decreasing of PS goods flammability, processing temperature up to 300°C	20-25 (V-0)
	T0090/27-PS	Bromine based flame retardant	50% HDCC, GPPS base	Decreasing of PS foamed sheets flammability, processing temperature not more 220°C	15-20 (V-0)
	TF0092/01-PE	Halogen free organic flame retardant	50%, LDPE	Decreasing of PE films flammability	3-5

Additive masterbatches for PA

PF0013/05-PA	Slip	Fatty acid amide – 15%	Slip properties improvement of PA films	
P0014/11-PA	Heat stabilizers	Synergetic mixtures of primary and secondary antioxidants	Heat stabilization of PA films and goods	0,5-2
PF0015/25-PA	Antilock	Synthetic SiO ₂ (5 mcm) – 10%	Against blocking of PA films	0,5-1,5
PF0015/26-PA		Synthetic SiO ₂ (3 mcm) – 10%		
PF0017/17-PA	Slip & antilock	Slip – 10%, SiO ₂ – 3%	Slip properties improvement and against blocking of PA films	0,5-1,5
P0025/10-PA	Polymer processing aids	Fluoroelastome PPA – 2.5%	Processability improvement of PA films and sheets	0.3-3
PF0026/11-PA	EXTRUDEN®	Proprietary complex of additives	Complex MB for processability improvement of PA films and sheets	0.3-2
PF0050/08-PA	Matting	Microcalcite – 50%	For frosted films producing	10-15

Compounds

EL-BASCO	Conductive compounds	Conductive carbon black, assortment of grades based on various polymers	Specific surface resistance 10 ⁴ –10 ⁷ Ohm	100
Masterflame T0093/14-PN	Halogen free flame retardant compound	Intumescent flame retardant – 25%	For the inner layer of HDPE pipes	100
Antiflame 113-12/1	Tracking resistant	Aluminum hydroxide – 50%	For electrical insulators	100