

Masterbatches for Sheet and Thermoforming Sheet

Grade	%	Purpose	Typical Addition Level (%)	Typical MFI (g/10 min)	MFI Conditions	Description	Compatibility					
							LDPE	LDFE	HDPE	PP	PS	Other
GENERAL												
Black	PE2648	n.a.	2 to 5	11	190°C/10.0 kg	Economy pigmentation masterbatch for polyolefins	Y	Y	Y			
	PE2824	n.a.	1 to 4	43	190°C/21.6 kg	Standard pigmentation masterbatch for polyolefins	Y	Y	Y			
	PP3585	40	2 to 6	9	230°C/10.0 kg	Premium masterbatch for PP weathering applications	Y	Y		Y		
	PS3294	50	1 to 4	24	200°C/21.6 kg	Utility masterbatch for PS	Y	Y				
	PS4054	40	1 to 4	6	200°C/5.0 kg	High pigmentation masterbatch for PS						
	PS4255	n.a.	1 to 4	7	200°C/10.0 kg	Premium masterbatch for PS						
	PS4256	n.a.	2 to 6	37	200°C/10.0 kg	Economy masterbatch for PS	Y	Y				
	PT4778	30	1 to 2	3.5	275°C/5.0 kg	Medium colour masterbatch for PET	Y	Y				PET
	UN2014	50	1 to 2	38	190°C/21.6 kg	Premium jet black universal masterbatch	Y	Y				ABS/SAN/PVC
	UN2016	50	1 to 2	33	190°C/10.0 kg	Medium colour universal masterbatch	Y	Y				ABS/SAN/PVC
White	PE7070	54	2 to 6	46	190°C/2.16 kg	High pigmentation masterbatch with anti-static agent	Y	Y				
	PE7441	75	2 to 4	17	190°C/2.16 kg	High pigmentation masterbatch with blue undertone	Y	Y	Y			
	PP7161	50	3 to 6	15	230°C/2.16 kg	Premium pigmentation masterbatch for PP				Y	Y	Y
	PS7028	60	2 to 5	47	200°C/5.0 kg	Premium pigmentation masterbatch for PS				Y	Y	Y
	PS7231	45	3 to 6	30	200°C/5.0 kg	General purpose masterbatch with blue tone						
PS7131	15	3 to 5	14	200°C/5.0 kg	Economic masterbatch for vacuum forming							
Additive	PS8772	2	1 to 3	3	200°C/5.0 kg	Process aid masterbatch for PS. Reduced die deposit						Y
GEO-SYNTHETICS												
Black	PE2272	50	5	13	190°C/10.0 kg	General purpose masterbatch	Y	Y				
	PE2642	40	5 to 7	19	190°C/21.6 kg	Premium weathering masterbatch	Y	Y	Y			
	LL4625	40	5 to 7	23	190°C/21.6 kg	Premium weathering masterbatch	Y	Y	Y			
	PP2631	35	2 to 5	4.5	230°C/5.0 kg	Premium weathering masterbatch for PP	Y	Y				

* As advised by your Cabot local representative

Addresses

Belgium

Cabot Interleuvenlaan 15 i
B - 3001 Leuven
BELGIUM
Tel: +32 16 39 24 00
Fax: +32 16 39 24 44

Germany

Cabot Plastics Deutschland
Tel: 0800 182 40 86
Fax: 0800 182 40 87

United Kingdom

Cabot Plastics Ltd
Gate Street
Dukinfield SK16 4RU
ENGLAND
Tel: +44 161 934 4500
Fax: +44 161 934 4501

Italy

Cabot Italiana S.p.A.
Plastics Division
Zona Industriale 4
I - 38055 Grigno (TN)
ITALY
Tel: +39 0461 775 211
Fax: +39 0461 765 146

South America

Rua do Paraíso, 148 - 5th floor
Paraíso CEP 04103-000 São Paulo SP
BRASIL
Tel: +55 11 2144 6400
Fax: +55 11 3253 0051
Tel: 0800 195959 (Customer Service)

Hong Kong

Cabot Plastics Hong Kong Ltd
18 Dai Kwai Street
Tai Po Industrial Estate/Tai Po (NT)
HONG KONG SAR
PRC
Tel: +852 2666 2666
Fax: +852 2666 0807

China

Cabot (China) Limited
No. 558 Shuang Bai Lu
Wujing, Shanghai
CHINA 201108
Tel: +86 21 6434 7766
Fax: +86 21 6434 5532

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MASTERBATCHES

Masterbatches for Moulding and General Extrusion



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Masterbatches for Moulding and General Extrusion

Masterbatches for Moulding														
Grade	%	Purpose	Typical Addition Level (%)	Typical MFI (g/10 min)	MFI Conditions	Description	Compatibility							
							LDPE	LLDPE	HDPE	PP	PS	Other		
INJECTION MOULDING														
Black	EG3807	35	Jet Black	2 to 4	7	200°C/21.6 kg	High performance jet black masterbatch for engineering polymers	Y	Y	Y	Y	Y	Engineering**	
	EVI755	50	General Purpose Colour	1 to 3	8	190°C/10.0 kg	General purpose colour universal masterbatch	Y	Y	Y	Y	Y	ABS/SAN	
	LL2633	n.a.	Medium Colour	1 to 3	23	190°C/21.6 kg	General purpose economy masterbatch	Y	Y	Y	Y	Y		
	PE3006	40	Medium Colour/Weathering	1 to 3	45	190°C/21.6 kg	Premium masterbatch for PE weathering applications	Y	Y	Y	Y	Y		
	PE2813	25	Medium colour/FDA approval	1 to 3	11	190°C/10.0 kg	Masterbatch complying with the purity requirements prescribed by the FDA 21 CFR 178.3297	Y	Y	Y	Y	Y	PA6/6.6/filled	
	PA3785	30	Jet Black	1 to 3	23	250°C/5.0 kg	Specific masterbatch for polyamide	Y	Y	Y	Y	Y		
	PE4884	n.a.	Medium Colour	2 to 4	4	190°C/10.0 kg	Economy masterbatch for polyolefins	Y	Y	Y	Y	Y		
	PP2631	35	Medium Colour/Weathering	2 to 4	4.5	230°C/5.0 kg	Premium thermoset masterbatch for PP	Y	Y	Y	Y	Y		
	PP3393	30	Medium Colour/Weathering	2 to 4	10	230°C/5.0 kg	PP weathering applications based on homopolymer	Y	Y	Y	Y	Y		
	PP3585	40	Medium Colour/Weathering	2 to 4	9	230°C/10.0 kg	Standard weathering masterbatch for PP	Y	Y	Y	Y	Y		
	PS0469	30	Jet Black	1 to 3	68	200°C/21.6 kg	Jet black pigmentation for PS	Y	Y	Y	Y	Y		
	PS3294	50	General Purpose Colour	1 to 3	24	200°C/21.6 kg	Utility masterbatch for PS	Y	Y	Y	Y	Y		
	PS4054	40	Medium Colour	1 to 3	6	200°C/5.0 kg	High pigmentation masterbatch for PS	Y	Y	Y	Y	Y		
	PS4255	n.a.	Medium Colour	1 to 3	7	200°C/10.0 kg	Premium masterbatch for PS	Y	Y	Y	Y	Y		
	PS4256	n.a.	Medium Colour	2 to 4	37	200°C/10.0 kg	Economy masterbatch for PS	Y	Y	Y	Y	Y		
	PT4778	30	Medium Colour	1 to 2	3.5	275°C/5.0 kg	Medium colour masterbatch for PET	Y	Y	Y	Y	Y	PET	
	SA3176	30	Jet Black	2 to 4	57	230°C/21.6 kg	Jet black masterbatch for ABS and SAN	Y	Y	Y	Y	Y	ABS/SAN	
	UN2014	50	Jet Black	1 to 2	38	190°C/21.6 kg	Premium jet black universal masterbatch	Y	Y	Y	Y	Y	ABS/SAN/PVC	
	UN2016	50	Medium Colour	1 to 2	33	190°C/10.0 kg	Medium colour universal masterbatch	Y	Y	Y	Y	Y	ABS/SAN/PVC	
	White	PE7000	50	Jet Black	1 to 2	15	190°C/2.16 kg	Economy masterbatch	Y	Y	Y	Y	Y	
PE7024		60	General Purpose Colour	1 to 2	16	190°C/2.16 kg	Premium pigmentation masterbatch	Y	Y	Y	Y	Y		
PE7250		70	Medium Colour	1 to 2	45	190°C/2.16 kg	Premium masterbatch for outstanding pigmentation	Y	Y	Y	Y	Y		
PE7344		60	Pigmentation /Weathering	3 to 5	1.5	190°C/2.16 kg	Premium masterbatch for UV weathering-contains HALS	Y	Y	Y	Y	Y		
PE7427		38		2 to 4	18	190°C/2.16 kg	Utility cost effective masterbatch	Y	Y	Y	Y	Y		
PE7428		60		1 to 2	28	190°C/2.16 kg	Utility masterbatch	Y	Y	Y	Y	Y		
PE7438		60		1 to 3	53	190°C/2.16 kg	High flow pharmaceutical masterbatch	Y	Y	Y	Y	Y		
PE7439		40		2 to 5	9	190°C/2.16 kg	Pharmaceutical masterbatch with anti-static agent	Y	Y	Y	Y	Y		
PE7440		24		4 to 6	6	190°C/2.16 kg	Pharmaceutical masterbatch	Y	Y	Y	Y	Y		
PP7161		50		2 to 4	15	230°C/21.6 kg	Premium pigmentation masterbatch for PP	Y	Y	Y	Y	Y		
PS7028		60		1 to 2	47	200°C/5.0 kg	Premium pigmentation masterbatch for PS	Y	Y	Y	Y	Y		
UN7203		75		1 to 2	14	190°C/2.16 kg	Universal high pigmentation masterbatch	Y	Y	Y	Y	Y	ABS/SAN/PVC	
Additive		PE9041	8	Mould release	1 to 2	13	190°C/2.16 kg	Mould release masterbatch	Y	Y	Y	Y	Y	
		PE9247	10	Thermal stabiliser	1 to 3	39	190°C/2.16 kg	Antioxidant masterbatch with emphasis on long-term thermal stabilisation	Y	Y	Y	Y	Y	
Additive	PE9365	20	UV stabiliser	*	5	190°C/2.16 kg	UV stabiliser masterbatch for polyolefins	Y	Y	Y	Y	Y		
	PP8738	20	UV stabiliser	*	25	230°C/21.6 kg	UV stabiliser masterbatch for PP	Y	Y	Y	Y	Y		
BLOW MOULDING														
Black	PE2272	50	General Purpose Colour	3	13	190°C/10.0 kg	Standard masterbatch for thin-walled containers	Y	Y	Y	Y	Y		
	PE3006	40	Medium Colour/Weathering	2	45	190°C/21.6 kg	Premium weathering masterbatch	Y	Y	Y	Y	Y		
White	PE7000	50	Jet Black	2 to 4	15	190°C/2.16 kg	Economy masterbatch for polyolefins	Y	Y	Y	Y	Y		
	PE7024	60	General Purpose Colour	2 to 4	16	190°C/2.16 kg	Premium pigmentation masterbatch for polyolefins	Y	Y	Y	Y	Y		
	PE7070	54	Medium Colour	2 to 6	46	190°C/2.16 kg	High pigmentation masterbatch for polyolefins	Y	Y	Y	Y	Y		
	PE7250	70	Jet Black	1 to 3	45	190°C/2.16 kg	Premium masterbatch with anti-static agent	Y	Y	Y	Y	Y		
	PE7438	60	Medium Colour	1 to 3	53	190°C/2.16 kg	Premium masterbatch for outstanding pigmentation	Y	Y	Y	Y	Y		
	PE7439	40	Medium Colour	2 to 5	9	190°C/2.16 kg	High flow pharmaceutical masterbatch	Y	Y	Y	Y	Y		
Additive	PE7440	25	Medium Colour	4 to 9	6	190°C/2.16 kg	Pharmaceutical masterbatch with anti-static agent	Y	Y	Y	Y	Y		
	LL8964	2	Process aid	1 to 2	3	190°C/2.16 kg	Processing aid masterbatch	Y	Y	Y	Y	Y		
Masterbatches for Compounding and Recycling														
Black	EG3807	35	Jet Black	2 to 4	7	200°C/21.6 kg	High performance jet black masterbatch for engineering polymers	Y	Y	Y	Y	Y	Engineering**	
	EVI755	50	General Purpose Colour	2 to 5	8	190°C/10.0 kg	General purpose colour universal masterbatch	Y	Y	Y	Y	Y	ABS/SAN	
	LL2633	n.a.	Medium Colour	2 to 5	23	190°C/21.6 kg	General purpose economy masterbatch	Y	Y	Y	Y	Y		
	PA3785	30	Jet Black	1 to 3	23	250°C/5.0 kg	Specific masterbatch for polyamide	Y	Y	Y	Y	Y	PA6/6.6/filled	
	PE4462	n.a.	Medium Colour	2 to 5	15	190°C/10.0 kg	Economy masterbatch	Y	Y	Y	Y	Y		
	PE4884	n.a.	Medium Colour	2 to 4	4	190°C/10.0 kg	Utility cost effective masterbatch	Y	Y	Y	Y	Y		
	PS3294	50	General Purpose Colour	1 to 4	24	200°C/21.6 kg	Utility masterbatch for PS	Y	Y	Y	Y	Y		
	PS4255	n.a.	Medium Colour/Weathering	1 to 5	7	200°C/10.0 kg	Premium masterbatch for PS	Y	Y	Y	Y	Y	ABS/SAN	
	PS4256	n.a.	Medium Colour/Weathering	2 to 6	37	200°C/10.0 kg	Economy masterbatch for PS	Y	Y	Y	Y	Y	ABS/SAN/PVC	
	SA3176	30	Jet Black	2 to 3	57	230°C/21.6 kg	Jet black masterbatch for ABS and SAN	Y	Y	Y	Y	Y	ABS/SAN/PVC	
White	UN2014	50	Jet Black	1 to 2	38	190°C/21.6 kg	Premium jet black universal masterbatch	Y	Y	Y	Y	Y	ABS/SAN/PVC	
	UN2016	50	Medium Colour	1 to 2	33	190°C/10.0 kg	Medium colour universal masterbatch	Y	Y	Y	Y	Y	ABS/SAN/PVC	
Additive	PE9247	10	Thermal stabiliser	0.5 to 2	39	190°C/2.16 kg	Antioxidant masterbatch	Y	Y	Y	Y	Y		
	PE8999	40	Desiccant	1 to 4	16	190°C/2.16 kg	Desiccant masterbatch	Y	Y	Y	Y	Y		
Masterbatches for Pipes														
CONSTRUCTION														
Black	PE3006	40	General Purpose	5 to 7	45	190°C/21.6 kg	Premium weathering masterbatch	Y	Y	Y	Y	Y		
	PE1873	40	General Purpose	5 to 7	35	190°C/21.6 kg	Masterbatch for specified carbon black content	Y	Y	Y	Y	Y		
Black	PE4462	n.a.	General Purpose	5 to 7	15	190°C/10.0 kg	Economy masterbatch	Y	Y	Y	Y	Y		
	PE2668	40	Weathering	6.25	5	190°C/21.6 kg	Fully formulated weathering masterbatch	Y	Y	Y	Y	Y		
Additive	LL4932	50	Weathering	5	11	190°C/10.0 kg	Masterbatch for specified carbon black content	Y	Y	Y	Y	Y		
	LL8964	2	Process aid	1 to 2	3	190°C/2.16 kg	Process aid masterbatch	Y	Y	Y	Y	Y		
Additive	LL9917	n.a.	Process aid	1 to 2	3	190°C/2.16 kg	Improved performance process aid masterbatch	Y	Y	Y	Y	Y		
	PE8809	5	Process aid	0.5 to 1	3	190°C/2.16 kg	Highly concentrated process aid masterbatch	Y	Y	Y	Y	Y		
	PE9247	10	Thermal stabiliser	0.5 to 2	39	190°C/2.16 kg	Antioxidant masterbatch	Y	Y	Y	Y	Y		
POTABLE WATER														
Black	LL2590	40	Weathering	6.25	6	190°C/21.6 kg	Fully formulated weathering masterbatch	Y	Y	Y	Y	Y	PE copo	
	PE1371	40	Weathering	6.25	24	190°C/21.6 kg	Standard weathering masterbatch	Y	Y	Y	Y	Y		
Masterbatches for Tape, Fibre & Netting														
Black	PE1639	40	Weathering	3 to 7	58	190°C/10.0 kg	Weathering & high flow masterbatch for tapes and staple fibers	Y	Y	Y	Y	Y		
	PE2272	50	General Purpose	1 to 2	13	190°C/10.0 kg	General purpose masterbatch	Y	Y	Y	Y	Y		
	PP2631	35	Weathering	3 to 7	4.5	230°C/5.0 kg	Weathering masterbatch for PP staple fibers	Y	Y	Y	Y	Y		
	PE2727	40	Weathering	4 to 6	42	190°C/21.6 kg	Weathering masterbatch for tapes and netting	Y	Y	Y	Y	Y		
Additive	PE9365	20	UV stabiliser	*	5	190°C/2.16 kg	UV stabiliser masterbatch for polyolefins	Y	Y	Y	Y	Y		
	PE8989	80	Antifibrilliant	3 to 5	9	190°C/2.16 kg	Anti-fibrilliant masterbatch	Y	Y	Y	Y	Y		
PP8738	20	UV stabiliser	*	25	230°C/2.16 kg	UV stabiliser masterbatch for PP	Y	Y	Y	Y	Y			
Masterbatches for Wires and Cables														
Black	EVI755	50	Colouration	1 to 4	8	190°C/10.0 kg	Economy colouring masterbatch	Y	Y	Y	Y	Y	PVC/PE copo	
	LL2590	40	Weathering	6.25	6	190°C/21.6 kg	Fully formulated weathering masterbatch	Y	Y	Y	Y	Y	PE copo	
	PE1371	40	Weathering	6.25	24	190°C/21.6 kg	Standard weathering masterbatch	Y	Y	Y	Y	Y	PE copo	
	UN2014	50	Jet Black	0.5 to 1	38	190°C/21.6 kg	High colouration black masterbatch for PVC cable	Y	Y	Y	Y	Y	PVC/PE copo	
	UN2016	50	Medium Colour	0.5 to 1	33	190°C/10.0 kg	Medium colouration black masterbatch for PVC cable	Y	Y	Y	Y	Y	PVC/PE copo	
Additive	PE9910	30	Thermal stabiliser	0.2 to 3	15	190°C/2.16 kg	Tri-methyl-quinoline antioxidant masterbatch	Y	Y	Y	Y	Y	PE copo	
	PE9247	10	Thermal stabiliser	1 to 3	39	190°C/2.16 kg	Phenolic antioxidant masterbatch	Y	Y	Y	Y	Y	PE copo	
	LL8964	2	Process aid	1 to 2	3	190°C/2.16 kg	Process aid masterbatch	Y	Y	Y	Y	Y		
	LL8809	5	Process aid	0.5 to 1	3	190°C/2.16 kg	Highly concentrated process aid masterbatch	Y	Y	Y	Y	Y		
	LL9917	n.a.	Process aid	0.5 to 1	3	190°C/2.16 kg	Improved performance process aid masterbatch	Y	Y	Y	Y	Y		

* As advised by your Cabot local representative

** Engineering= PC, PA, PBT, PMMA, POM, PPS