

M A S T E R B A T C H E S



**CABOT**

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## Standard Masterbatches for Moulding, General Extrusion and Film Applications



# Standard Masterbatches for Moulding, General Extrusion and Film Applications

Product	Type	Description	Typical Addition % w/w	Compatibility					
				PS	ABS & SAN	LDPE & LLDPE	HDPE	PP	PVC
<b>INJECTION MOULDING/BLOW MOULDING</b>									
PS0469	●	Premium jet black masterbatch for styrenics	2-3	✓	✓				
PS1844	●	Weathering and pigmentation grade for styrenics	2-4	✓	✓				
UN2005	●	Jet black universal pigmentation grade	1	✓	✓	✓	✓	✓	
UN2014	●	Premium jet black universal grade with UL rating <sup>(*)</sup> and food contact	1	✓	✓	✓	✓	✓	✓
UN2016	●	Universal pigmentation masterbatch with UL rating <sup>(*)</sup> and food contact	1	✓	✓	✓	✓	✓	✓
PE2718	●	High strength pigmentation masterbatch	1-2	✓	✓	✓	✓	✓	
PE2760	●	Economy pigmentation grade for polyolefins	2	✓	✓	✓	✓	✓	
PP2794	●	Standard stabilized grade for polypropylene	2-5					✓	
PE2813	●	Premium FDA compliant pigmentation	2-8			✓	✓	✓	
SA3176	●	Jet black SAN masterbatch for ABS and SAN	2-4	✓	✓				
PA3785	●	Jet black masterbatch for polyamide	1-3	PA-6, PA-6.6 and Filled PA					
EG3807	●	Premium jet black masterbatch for engineering polymers with food contact	2-4	PC, PA, PET, PBT, PMMA, POM, PPS, PS and SAN					
UN6073	●	Blue tone universal pigmentation grade	1-2	✓	✓	✓	✓	✓	
PE7024	○	Standard pigmentation grade for high quality moulding	1-2			✓	✓	✓	
PE7097	○	Economy pigmentation grade for polyolefins	2-3			✓	✓	✓	
UN7576	○	Premium universal masterbatch	1-2	✓	✓	✓	✓	✓	✓
PE8811	⊕	Antistatic, reduces dust/dirt build-up on mouldings	1-2			✓	✓		
<b>COMPOUNDING &amp; SHEET EXTRUSION</b>									
PS0469	●	Premium jet black masterbatch for styrenics	3-4	✓	✓				
PS1844	●	Weathering and pigmentation grade for styrenics	2-4	✓	✓				
UN2005	●	Jet black universal pigmentation grade	1-2	✓	✓	✓	✓	✓	
PE2760	●	Economy pigmentation grade for polyolefins	2	✓	✓	✓	✓	✓	
PE2772	●	General purpose pigmentation grade for polyolefins	2	✓	✓	✓	✓	✓	
PP2794	●	Standard stabilized grade for polypropylene	2-5					✓	
SA3176	●	Jet black SAN masterbatch for ABS and SAN	2-4	✓	✓				
EG3807	●	Premium jet black masterbatch for engineering polymers with food contact	2-4	PC, PA, PET, PBT, PMMA, POM, PPS, PS and SAN					
UN6073	●	Blue tone universal pigmentation grade	1-2	✓	✓	✓	✓	✓	
PS7028	○	Standard pigmentation grade for styrenics	2-3	✓	✓				
UN7576	○	Premium universal masterbatch	2	✓	✓	✓	✓	✓	✓
PE8811	⊕	Antistatic, reduces dust/dirt build-up on mouldings	1-2			✓	✓		
<b>WIRE &amp; CABLE</b>									
<b>PE Sheathing</b>									
PE1371	●	Standard weathering grade – low moisture pick-up	6.25			✓	✓		
PE2272	●	General purpose grade for non-specification uses	4-6			✓	✓		
LL2590	●	Fully formulated premium grade – low moisture pick-up	6.25			✓	✓		
PE2762	●	General pigmentation grade	2-5			✓	✓	✓	
PE9247	⊕	Antioxidant grade: thermal stabilization of cable sheathing and jacketing. Non staining.	2-5			✓	✓		
<b>PVC Sheathing</b>									
UN2014	●	Premium jet black pigmentation grade	2-5			✓	✓		✓
UN2016	●	Standard pigmentation grade	2-5			✓	✓		✓

Product	Type	Description	Typical Addition % w/w	Compatibility					
				PS	ABS & SAN	LDPE & LLDPE	HDPE	PP	PVC
<b>PIPE</b>									
PE1371	●	Premium grade with low moisture pick-up for specification grade pipes	6.25			✓	✓	✓	
PE2272	●	General purpose economy grade	4-6			✓	✓	✓	
LL2590	●	Fully formulated premium grade – low moisture pick up	6.25			✓	✓	✓	
PE2762	●	General pigmentation grade	2-5			✓	✓	✓	
LL8809	⊛	Process aid: reduces melt fracture, die drag and power consumption, leading to increased productivity and faster extrusion line speeds	0.5-1			✓	✓	✓	
<b>FILM EXTRUSION</b>									
<b>Food packaging</b>									
PE2272	●	High gloss, easy processing grade	3			✓	✓	✓	
PE4861	●	Complying with Chinese regulation for milk packaging application	4-6			✓	✓		
PE6092	●	Premium dispersion with food contact approval grade complying with European regulation for milk packaging application	2-5			✓	✓	✓	
PE7002	○	Premium grade – outstanding pigmentation	4-5			✓	✓	✓	
<b>Hygiene / Lamination</b>									
LL7359	○	Premium opacifying grade for lamination film	6-10			✓	✓	✓	
PE7024	○	Standard grade – high gloss and good printability	6-8			✓	✓	✓	
<b>General Purpose Film</b>									
PE2272	●	High gloss, easy processing grade	3			✓	✓	✓	
PE2772	●	General purpose grade	3			✓	✓	✓	
PE7024	○	Standard pigmentation grade – high gloss and good printability	4-6			✓	✓	✓	
PE7097	○	Economy grade for opacity and pigmentation	6-8			✓	✓	✓	
PE7298	○	General pigmentation grade	6-7			✓	✓	✓	
LL8809	⊛	Process aid: reduces melt fracture, die drag and power consumption, leading to increased productivity and faster extrusion line speeds	0.5-1			✓	✓	✓	
PE9007	⊛	Anti-block based on natural silica: also recommended as a purging compound	1-2			✓	✓	✓	
PE9166	⊛	Slip additive containing a slow migrating slip agent	2-3			✓	✓	✓	
PE9172	⊛	Slip and anti-block grade containing a blend of slow migration slip agent and a mildly abrasive fine natural silica	1-3			✓	✓	✓	
<b>Agricultural Film</b>									
PE2272	●	Economy grade for mulch and silage film	4-10			✓	✓	✓	
PE2642	●	Stabilised standard grade for mulch and silage film	5-17			✓	✓		
PE4441	●	Fully formulated premium grade for silage stretch wrap applications	6-7			✓	✓	✓	
PE9365	⊛	Optimum cost-performance UV stabiliser grade for mulch film and tunnel film	5-8			✓	✓		
<b>Geomembrane</b>									
PE2642	●	Stabilised grade for thin geomembrane	6-7			✓	✓		
PE2272	●	General purpose economy grade	5-6			✓	✓		
PP2794	●	Standard stabilised grade for polypropylene	2-5					✓	

Remarks: ● Black masterbatch ○ White masterbatch ⊛ Additive masterbatch  
Customer specific and application specific products can be made available on request.  
(\*) For some recognized generic base resin, please consult your Cabot sales representatives for details.

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