



Additive Selection Chart TP-AG 1

Additives for Thermoplastics Compounders

October 2019



Additives for Thermoplastics Compounders

Polyethylene

	Natural Fibre Reinforced	Mineral Filled	Glass Fibre Reinforced	Pigment Filled	Non-reinforced
Wetting and Dispersing	BYK-MAX P 4101 BYK-MAX P 4102	BYK-MAX P 4101 BYK-MAX P 4102		BYK-9076 BYK-9077 BYK-MAX D 4221 BYK-MAX D 4222 BYK-MAX P 4102	
Coupling	PRIEX 12031 PRIEX 15005 SCONA TSPE 2102 GAHD SCONA TSPE 1112 GALL	SCONA TSEB 2113 GB SCONA TPEV 1112 PB SCONA TSPE 1112 GALL	PRIEX 12031 PRIEX 15005 SCONA TSPE 2102 GAHD SCONA TSPE 1112 GALL		
Odor Reduction	BYK-MAX OR 4206 BYK-MAX P 4200	BYK-MAX OR 4206 BYK-MAX P 4200	BYK-MAX OR 4206 BYK-MAX P 4200	BYK-MAX OR 4206 BYK-MAX P 4200	BYK-MAX OR 4206 BYK-MAX P 4200
Scratch Resistance	BYK-MAX ASC 4181 BYK-MAX ASC 4182	BYK-MAX ASC 4181 BYK-MAX ASC 4182	BYK-MAX ASC 4181 BYK-MAX ASC 4182		BYK-MAX ASC 4181 BYK-MAX ASC 4182
Flame Retardancy	BYK-MAX FR 4141 BYK-MAX FR 4142 BYK-MAX FR 4143 BYK-MAX FR 4144 BYK-MAX FR 4140 LDPE BYK-MAX FR 4140 LLDPE	BYK-MAX FR 4141 BYK-MAX FR 4142 BYK-MAX FR 4143 BYK-MAX FR 4144 BYK-MAX FR 4140 LDPE BYK-MAX FR 4140 LLDPE	BYK-MAX FR 4141 BYK-MAX FR 4142 BYK-MAX FR 4143 BYK-MAX FR 4144 BYK-MAX FR 4140 LDPE BYK-MAX FR 4140 LLDPE	BYK-MAX FR 4141 BYK-MAX FR 4142 BYK-MAX FR 4143 BYK-MAX FR 4144 BYK-MAX FR 4140 LDPE BYK-MAX FR 4140 LLDPE	BYK-MAX FR 4141 BYK-MAX FR 4142 BYK-MAX FR 4143 BYK-MAX FR 4144 BYK-MAX FR 4140 LDPE BYK-MAX FR 4140 LLDPE
Flame Retardant Synergists		BYK-MAX CT 4260 CLOISITE-20 A			
UV Stabilization	BYK-MAX LS 4120 BYK-MAX LS 4121 BYK-MAX LS 4124 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4121 BYK-MAX LS 4124 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4121 BYK-MAX LS 4124 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4121 BYK-MAX LS 4124 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4121 BYK-MAX LS 4124 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G
Heat Stabilization	RECYCLOBYK 4370	RECYCLOBYK 4370	RECYCLOBYK 4370	RECYCLOBYK 4370	RECYCLOBYK 4370
Nucleation					BYK-MAX NU 4230 HDPE BYK-MAX NU 4230 LDPE
Compatibilisation	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD RECYCLOBYK 4374
Barrier Properties					CLOISITE-20 A BYK-MAX BT 4280
Process Additives	BYK-MAX P 4101 BYK-MAX P 4102 BYK-MAX P 4104 BYK-MAX P 4107 BYK-P 4100 BYK-MAX STARTSTOP 4205	BYK-MAX P 4101 BYK-MAX P 4102 BYK-MAX P 4104 BYK-MAX P 4107 BYK-P 4100 BYK-MAX STARTSTOP 4205	BYK-MAX P 4101 BYK-MAX P 4102 BYK-MAX P 4104 BYK-MAX P 4107 BYK-P 4100 BYK-MAX STARTSTOP 4205	BYK-MAX P 4104 BYK-MAX P 4105 BYK-MAX P 4107 BYK-MAX STARTSTOP 4205	BYK-MAX P 4104 BYK-MAX P 4105 BYK-MAX P 4107 BYK-MAX STARTSTOP 4205

Polypropylene

	Natural Fibre Reinforced	Mineral Filled	Glass Fibre Reinforced	Pigment Filled	Non-reinforced
Wetting and Dispersing	BYK-MAX P 4100 BYK-MAX P 4101 BYK-MAX P 4102	BYK-MAX P 4101 BYK-MAX P 4102	BYK-MAX P 4102	BYK-9076 BYK-9077 BYK-MAX D 4221 BYK-MAX D 4222 BYK-MAX P 4102	
Coupling	BYK-MAX HS 4340 BYK-MAX HS 4341 BYK-MAX HS 4342 BYK-MAX HS 4343 BYK-MAX HS 4344 PRIEX 20097 PRIEX 25097 SCONA TPPP 8112 GA SCONA TPPP 9212 GA	SCONA TPPP 2003 GB SCONA TPPP 9112 GA	BYK-MAX HS 4340 BYK-MAX HS 4341 BYK-MAX HS 4342 BYK-MAX HS 4343 BYK-MAX HS 4344 SCONA TPPP 9012 GA SCONA TPPP 9112 GA SCONA TPPP 9212 GA		
Odor Reduction	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200
Scratch Resistance	BYK-MAX ASC 4180 BYK-MAX ASC 4181 BYK-MAX ASC 4182	BYK-MAX ASC 4180 BYK-MAX ASC 4181 BYK-MAX ASC 4182	BYK-MAX ASC 4180 BYK-MAX ASC 4181 BYK-MAX ASC 4182		BYK-MAX ASC 4180 BYK-MAX ASC 4181 BYK-MAX ASC 4182
Flame Retardancy	BYK-MAX FR 4140 PP BYK-MAX FR 4141 BYK-MAX FR 4143	BYK-MAX FR 4140 PP BYK-MAX FR 4141 BYK-MAX FR 4143	BYK-MAX FR 4140 PP BYK-MAX FR 4141 BYK-MAX FR 4143	BYK-MAX FR 4140 PP BYK-MAX FR 4141 BYK-MAX FR 4143	BYK-MAX FR 4140 PP BYK-MAX FR 4141 BYK-MAX FR 4143
Flame Retardant Synergists		BYK-MAX CT 4260 CLOISITE-20 A			
Clarifiers					BYK-MAX CL 4231
UV Stabilization	BYK-MAX LS 4120 BYK-MAX LS 4122 BYK-MAX LS 4123 BYK-MAX LS 4125 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4122 BYK-MAX LS 4123 BYK-MAX LS 4125 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4122 BYK-MAX LS 4123 BYK-MAX LS 4125 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4122 BYK-MAX LS 4123 BYK-MAX LS 4125 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G	BYK-MAX LS 4120 BYK-MAX LS 4122 BYK-MAX LS 4123 BYK-MAX LS 4125 RECYCLOBYK 4372 DD RECYCLOBYK 4372 G
Heat Stabilization	BYK-MAX HS 4302 BYK-MAX HS 4303 BYK-MAX HS 4311 BYK-MAX HS 4340 BYK-MAX HS 4341 BYK-MAX HS 4342 BYK-MAX HS 4343 BYK-MAX HS 4344 RECYCLOBYK 4370	BYK-MAX HS 4302 BYK-MAX HS 4303 BYK-MAX HS 4311 RECYCLOBYK 4370	BYK-MAX HS 4302 BYK-MAX HS 4303 BYK-MAX HS 4311 BYK-MAX HS 4340 BYK-MAX HS 4341 BYK-MAX HS 4342 BYK-MAX HS 4343 BYK-MAX HS 4344 RECYCLOBYK 4370	BYK-MAX HS 4302 BYK-MAX HS 4303 BYK-MAX HS 4311 RECYCLOBYK 4370	BYK-MAX HS 4301 BYK-MAX HS 4302 BYK-MAX HS 4303 BYK-MAX HS 4311 BYK-MAX HS 4330 BYK-MAX HS 4331 BYK-MAX HS 4332 BYK-MAX HS 4333 BYK-MAX HS 4334 RECYCLOBYK 4370
Nucleation					BYK-MAX NU 4230
Compatibilisation	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD RECYCLOBYK 4374
Barrier Properties					BYK-MAX BT 4280 CLOISITE-20 A
Process Additives	BYK-P 4100 BYK-MAX P 4101 BYK-MAX P 4102 BYK-MAX P 4104 BYK-MAX P 4105 BYK-MAX P 4107	BYK-MAX P 4101 BYK-MAX P 4102 BYK-MAX STARTSTOP 4205 BYK-P 4100	BYK-MAX P 4101 BYK-MAX P 4102 BYK-P 4100	BYK-MAX P 4104 BYK-MAX P 4105 BYK-MAX P 4107	BYK-MAX P 4104 BYK-MAX P 4105 BYK-MAX P 4107
Functional Filler	BYK-MAX CT 4270	BYK-MAX CT 4270	BYK-MAX CT 4270	BYK-MAX CT 4270	BYK-MAX CT 4270

Polyamide

	Natural Fibre Reinforced	Mineral Filled	Glass Fibre Reinforced	Pigment Filled	Non-reinforced
Wetting and Dispersing		BYK-MAX P 4102 BYK-MAX P 4101 BYK-MAX D 4221	BYK-MAX P 4102	BYK-MAX P 4102	
Coupling			SCONA TSEB 2113 GB		
Flame Retardant Synergists		BYK-MAX CT 4255 BYK-MAX CT 4260 CLOISITE-20 A			
UV Stabilization	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310
Heat Stabilization	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310	BYK-MAX HS 4300 BYK-MAX HS 4304 BYK-MAX HS 4305 BYK-MAX HS 4306 BYK-MAX HS 4307 BYK-MAX HS 4308 BYK-MAX HS 4309 BYK-MAX HS 4310
Impact Resistance		SCONA TPEV 1110 PB SCONA TPPE 2400 GAHD SCONA TSEB 2113 GB SCONA TSKD 9103 SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL	SCONA TPEV 1110 PB SCONA TPPE 2400 GAHD SCONA TSEB 2113 GB SCONA TSKD 9103 SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL	SCONA TPEV 1110 PB SCONA TPPE 2400 GAHD SCONA TSEB 2113 GB SCONA TSKD 9103 SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL	SCONA TPEV 1110 PB SCONA TPPE 2400 GAHD SCONA TSEB 2113 GB SCONA TSKD 9103 SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL
Compatibilisation					SCONA TPPP 2003 GB SCONA TSKD 9103 SCONA TSPE 1112 GALL SCONA TSPE 2102 GAHD SCONA TSPE 2112 GA SCONA TSPOE 1002 GBLL SCONA TPSP5 9012 PA
Barrier Properties					BYK-MAX BT 4280 BYK-MAX CT 4255 CLOISITE-20 A
Viscosity Modifiers					SCONA TPEV 1110 PB SCONA TPPE 2400 GAHD
Process Additives		BYK-MAX P 4102	BYK-MAX P 4102	BYK-MAX P 4102 BYK-MAX P 4106	BYK-MAX P 4102 BYK-MAX P 4106

Thermoplastic Elastomers

	Pigment Filled	Non-reinforced
Flame Retardancy	BYK-MAX FR 4143	BYK-MAX FR 4143
Flame Retardant Synergists	BYK-MAX CT 4260 CLOISITE-20 A	BYK-MAX CT 4260 CLOISITE-20 A
Compatibilisation	RECYCLOBYK 4373 DD	RECYCLOBYK 4373 DD
Barrier Properties	BYK-MAX BT 4280 CLOISITE-20 A	BYK-MAX BT 4280 CLOISITE-20 A

Polyethylene Terephthalate

	Mineral Filled	Glass Fibre Reinforced	Pigment Filled	Non-reinforced
Wetting and Dispersing	BYK-MAX P 4101 BYK-MAX P 4102 BYK-MAX D 4221	BYK-MAX P 4102	BYK-9076 BYK-9077 BYK-MAX D 4221 BYK-MAX P 4102	
Impact & Tear Resistance	SCONA TPPP 2003 GB SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL	SCONA TPPP 2003 GB SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL	SCONA TPPP 2003 GB SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL	SCONA TPPP 2003 GB SCONA TSPOE 1002 CMB 1-2 SCONA TSPOE 1002 GBLL
Compatibilisation				RECYCLOBYK 4376
Barrier Properties			BYK-MAX BT 4280 BYK-MAX CT 4255 CLOISITE-20 A	BYK-MAX BT 4280 BYK-MAX CT 4255 CLOISITE-20 A
Viscosity Modifiers				RECYCLOBYK 4376
Process Additives			BYK-MAX P 4108	BYK-MAX P 4108

Acrylonitrile Butadiene Styrene + PC/ABS Blends

	Mineral Filled	Glass Fibre Reinforced	Pigment Filled	Non-reinforced
Wetting and Dispersing	BYK-MAX P 4101 BYK-MAX P 4102	BYK-MAX P 4102	BYK-9076 BYK-9077 BYK-MAX D 4221 BYK-MAX D 4222 BYK-MAX P 4102	
Odor Reduction	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200	BYK-MAX OR 4207 BYK-MAX P 4200
Compatibilisation				RECYCLOBYK 4376

Engineering Polymers

	Mineral Filled	Glass Fibre Reinforced
Wetting and Dispersing	BYK-MAX D 4221 BYK-MAX P 4102 BYK-MAX P 4101	BYK-MAX P 4102

Bio Polymers/Polylactic Acid (PLA)

	Natural Fibre Reinforced	Non-reinforced
Barrier Properties	BYK-MAX BT 4280	BYK-MAX BT 4280
Process Additives	BYK-MAX P 4101	BYK-MAX P 4101

Liquid Color Masterbatches

	Pigment Stabilization for PE and PP	Pigment Stabilization for PET
Titanium Dioxide	BYK-MAX D 4220 BYK-MAX D 4222 BYK-P 4100	BYK-MAX D 4220 BYK-MAX D 4222 BYK-P 4100 DISPERBYK-192
Inorganic Pigments	BYK-MAX D 4220 BYK-MAX D 4222 BYK-P 4100	BYK-MAX D 4220 BYK-MAX D 4222 BYK-P 4100 DISPERBYK-192
Organic Pigments	BYK-9076 BYK-MAX D 4220 BYK-P 4100	BYK-9076 BYK-MAX D 4220 BYK-P 4100 DISPERBYK-192
Carbon Black, Acidic/Neutral	BYK-9076 BYK-MAX D 4220	BYK-9076 BYK-MAX D 4220 DISPERBYK-192
Carbon Black, Basic	BYK-9077 BYK-MAX D 4220	BYK-9077 BYK-MAX D 4220 DISPERBYK-192

For more information about our additives and instruments, as well as our additive sample orders please visit:

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Additive Guide



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This issue replaces all previous versions – Printed in Germany