

High-Functioning Additives for PP/PE/PVC Wire & Cable

Product	Grade	State	Features	Packing	Dosage
PP, PE Flame Retardant	GY-FR-OP Series GY-FR-B21	Powder	<ul style="list-style-type: none"> ● High flame retardant performance ● Low volatility ● Excellent thermal stability ● Good processability 	25KG/bag	20%~30% 15%~25%
PVC Flame Retardant	GY-FR-PVC	Powder	<ul style="list-style-type: none"> ● Passes the standard of BS5852 Part 5, SS302 ● PVC special use fire retardant, outstanding fire performance ● Replacing traditional antimony trioxide fire retardant, improving the dripping and black smoke when use antimony trioxide fire retardant ● Good dispersion and heat resistance ● Suitable for all kinds of PVC products, PVC wire and cable industry 	25KG/bag	8%~15%
PP, PE Smoke Suppression	GY-MG80 GY-FR-467	Powder	<ul style="list-style-type: none"> ● Gives products with smoke suppression ability ● Effectively reduces the amount of smoke ● Strengthens the carbonation of the resin and prevent dripping ● Can be used with fire retardant to make the product reach the effect of fireproof and smoke suppression ● Widely used in the plastics industry 	25KG/bag	5%~15% According to the customer's requirements for smoke suppression, it can be used in combination with fire retardant.
Antimony Trioxide Synergist	GY-FR-SB	Powder	<ul style="list-style-type: none"> ● Excellent heat stabilizer ● Low volatility, high stability ● No migration after use ● Combined with other halides to enhance fire performance 	25KG/bag	15%~25%

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PP, PE, PVC Long Term Barrier, Anti-Yellowing Agent	GOYENCHEMUV-700	Powder	<ul style="list-style-type: none"> ● Prevents yellowing and aging caused by external factors such as weather, light ● Long-term barrier ● Good anti-yellowing, enhance the weather resistance of plastic in various environments, temperatures or processing ● Low volatility ● Good heat stability 	20KG/bag	0.5%~2%
PP, PE Antioxidant	GOYENCHEM-AO1010 GOYENCHEM-AO1076 GOYENCHEM-AO168 GOYENCHEM-AO445 GOYENCHEM-AO Series	Solid or Powder	<ul style="list-style-type: none"> ● Highly effective antioxidant ● Effectively prevents oxidative degradation of polymers during processing ● Good compatibility ● Can be used with other aids 	20KG/bag	0.3%-1%
PP, PE, PVC UV Absorber	GOYENCHEMUV-944 GOYENCHEMUV-104 GOYENCHEMUV-328 GOYENCHEMUV Series	Powder	<ul style="list-style-type: none"> ● UV absorber ● Reduces damage to plastic products from the outside line ● Extends product life 	20KG or 25KG/bag	0.5%-2%
PP, PE Impact Modifier	GY-PFM18	Granule	<ul style="list-style-type: none"> ● Improves the impact resistance and toughness of PP and PE products ● Provides PP, PE wire and cable with tensile strength ● Excellent processability and compatibility ● Enhances product added value and competitiveness ● Applied to recycled materials can improve the strength and toughness of recycled materials 	25KG/bag	5%~10%

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PVC Impact Modifier	GY-PFM	Powder	<ul style="list-style-type: none"> ● Strengthens the chemical and physical properties of PVC products ● Improves the impact resistance and elongation of PVC wire and cable ● Good wear-resistance ● Excellent processability and compatibility 	25KG/bag	Hard PVC: 6~10 PHR Flexible PVC: 5~8 PHR
PP, PE, PVC Matting Agent	GY-MT32 GY-MT40	Powder	<ul style="list-style-type: none"> ● Excellent matting effect ● Decreases the gloss of resin, will not occur the produce glare phenomenon ● Good processability and good dispersion ● Gives the product a low-key luxurious texture 	25KG/bag	3%~9%
PP, PE, PVC Anti-Scratch Additive	GGK-1500	Powder	<ul style="list-style-type: none"> ● Provides excellent impact strength ● Low surface tension and viscosity reduction ● Good processing compatibility ● Suitable for outdoor products 	20KG or 25KG/bag	2%~7%
PP, PE, PVC Dispersing Agent	OZ-110S	Pellet	<ul style="list-style-type: none"> ● Excellent decentralized coupling performance ● Provides product fluidity, electrical properties and chemical resistance ● High heat stability ● Improves dispersion during production 	20KG/bag	0.5%~1%
PP, PE, PVC Heat-Resistant Enhancer	GY-HP-10	Powder	<ul style="list-style-type: none"> ● Enhances the thermal cracking temperature of plastic and rubber ● Improves the deterioration of resins and plastics in the process of heating ● Remarkable weather resistance ● Can be used to recycled materials 	20KG/bag	1%~2%

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Product	Grade	State	Features	Packing	Dosage
PP, PE, PVC Lubricant Additives	CL-220	Liquid	<ul style="list-style-type: none"> ● Perfect transparency and increases the thermal stability of products ● Excellent anti-adhesive and anti-caking ability to improve processability ● Improves product smoothness 	175KG/drum	1%~3%
PP, PE, PVC Antibiotic Agent	GY-ANTIBIOTIC-200	Powder	<ul style="list-style-type: none"> ● Provides good heat resistance to various plastics, elastomers ● Suitable for high temperature processing products ● Avoids moldiness caused by humid and rainy weather ● Provides good and long-term antibacterial properties 	20KG/bag	0.5%~1%
PP, PE, PVC Antistatic Agent	GYC-AT-300 GYC-AT-300B	Powder & pellet	<ul style="list-style-type: none"> ● Good antistatic property ● Good compound ability with resin and plastic ● Effectively reduces surface resistance of products ● Lower and more economical dosages 	20KG/bag	0.5%~1.5%
PVC stabilizer for Hard PVC	GY-TM-181	Liquid	<ul style="list-style-type: none"> ● Stability, transparency, and weather resistance are superior to other traditional organic tin products ● Can be used in PVC colorful and transparent products ● High thermal stability and excellent initial color ability ● With excellent color stability in high temperature and long-term dynamic stability, no scaling phenomenon, reduce the cleaning time of equipment 	220KG/drum	Dosage can be adjusted according to customer's formula
PP, PE Processing Additive	GOYENCHEM-FAID3200	Powder	<ul style="list-style-type: none"> ● Functional processing aids for wire and cable and thermoplastic ● Reduces mold die pressure and reduce production costs ● Prevents melt cracks and improve product quality when used in wire and cable 	20KG/bag	0.5%~1%
Polyolefin Elastomer	GY-PEL-300	Pellet	<ul style="list-style-type: none"> ● High durability and mechanical properties ● High elasticity and toughness ● Excellent adhesion ● Good compatibility with various hydrocarbon-based polymers 	25KG/bag	Dosage can be adjusted according to customer's formula

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PP, PE, PVC Titanium Dioxide	GR-63 / GR-65 GA-11	Powder	<ul style="list-style-type: none"> ● Excellent whiteness ● GYC Group special chloride process ● Perfect weatherability ● High gloss ● Good dispersion in resin and polymer ● Excellent tinting strength ● Good covering power ● Ease of dispersion ● Super durability ● Low VOC ● Suitable for outdoor or indoor products 	25KG/bag	Dosage can be adjusted according to customer's formula
Stearic Acid	ST-11/ ST-21	Solid	<ul style="list-style-type: none"> ● Widely used in the manufacturing of PVC plastic pipes, sheets, profiles and films. ● As a PVC heat stabilizer with good lubricity, good light and heat stability 	25KG/BAG	Dosage can be adjusted according to customer's formula
PVC Plasticizer	SPE-15G	Liquid	<ul style="list-style-type: none"> ● High insulation ● Easy processing ● Good stability and low volatility ● Good compatibility with PVC and high plasticizing efficiency ● Will not produce odor after use 	200KG/drum	3%~5%
PVC Plasticizer	GOYENCHEM-DPHP	Liquid	<ul style="list-style-type: none"> ● Compatible with other PVC plasticizers ● Can replace DOP, DINP and DIDP and be more environmentally friendly ● Low volatility in flexible PVC ● Excellent weather resistance ● Excellent electrical properties ● High temperature resistance, suitable for 70°C~90 °C wire 	200KG/drum	Dosage can be adjusted according to customer's formula

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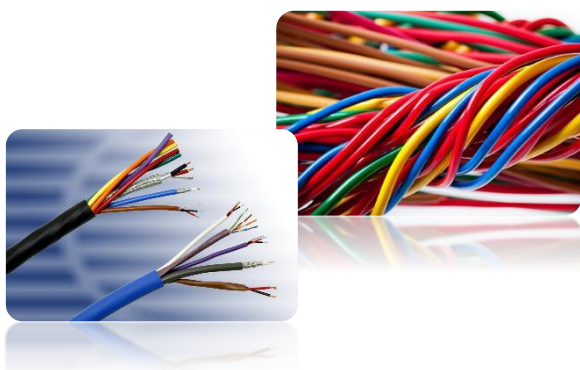
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Product	Grade	State	Features	Packing	Dosage
PVC Trimellitate Plasticizer	GOYENCHEN-TM810	Liquid	<ul style="list-style-type: none"> ● Enhances weather resistance of PVC products ● Better toughness at high or low temperatures ● High thermal stability ● Excellent PVC modifier 	200KG/drum	Dosage can be adjusted according to customer's formula
Zinc Stearate	Zinc Stearate	Solid	<ul style="list-style-type: none"> ● As a stabilizer for plastic and rubber industry ● Good compatibility ● As a release agent and lubricant 	20KG/bag	Dosage can be adjusted according to customer's formula
PVC Stabilizer Lead-Base Ca/Zn Base Ca/Zn/Tin Base	GY-ST series GY-ST-970	Powder or Liquid	<ul style="list-style-type: none"> ● Good heat stability ● Suitable for PVC flexible products ● Good compatibility ● Provide the added-value of products 	25KG/bag	Dosage can be adjusted according to customer's formula



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