

## Recommended List for PP

Product	Grade	State	Features	Packing	Dosage
Flame Retardant	GY-FR-OP Series GY-FR-B21	Powder	<ul style="list-style-type: none"> <li>● High flame retardant performance</li> <li>● Low volatility</li> <li>● Excellent thermal stability</li> <li>● Good processability</li> </ul>	25KG/bag	20%~30% 15%~25%
Smoke Suppression	GY-MG80 GY-FR-467	Powder	<ul style="list-style-type: none"> <li>● Gives products with smoke suppression ability</li> <li>● Effectively reduces the amount of smoke</li> <li>● Strengthens the carbonation of the resin and prevent dripping</li> <li>● Can be used with fire retardant to make the product reach the effect of fireproof and smoke suppression</li> <li>● Widely used in the plastics industry</li> </ul>	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"> <li>● Excellent heat stabilizer</li> <li>● Low volatility, high stability</li> <li>● No migration after use</li> <li>● Combined with other halides to enhance fire performance</li> </ul>	25KG/bag	15%~25%
Long Term Barrier, Anti-Yellowing Agent	GOYENCHEMUV-700	Powder	<ul style="list-style-type: none"> <li>● Prevents yellowing and aging caused by external factors such as weather, light</li> <li>● Long-term barrier</li> <li>● Good anti-yellowing, enhance the weather resistance of plastic in various environments, temperatures or processing</li> <li>● Low volatility</li> <li>● Good heat stability</li> </ul>	20KG/bag	0.5%~2%

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Product	Grade	State	Features	Packing	Dosage
Antioxidant	GOYENCHEM-AO1010 GOYENCHEM-AO1076 GOYENCHEM-AO168 GOYENCHEM-AO445 GOYENCHEM-AO Series	Solid or Powder	<ul style="list-style-type: none"> <li>● Highly effective antioxidant</li> <li>● Effectively prevents oxidative degradation of polymers during processing</li> <li>● Good compatibility</li> <li>● Can be used with other aids</li> </ul>	20KG/bag	0.3%-1%
UV Absorber	GOYENCHEMUV-944 GOYENCHEMUV-104 GOYENCHEMUV-328 GOYENCHEMUV Series	Powder	<ul style="list-style-type: none"> <li>● UV absorber</li> <li>● Reduces damage to plastic products from the outside line</li> <li>● Extends product life</li> </ul>	20KG or 25KG/bag	0.5%-2%
Impact Modifier	GY-PFM18	Granule	<ul style="list-style-type: none"> <li>● Improves the impact resistance and toughness of PP and PE products</li> <li>● Provides PP, PE wire and cable with tensile strength</li> <li>● Excellent processability and compatibility</li> <li>● Enhances product added value and competitiveness</li> <li>● Applied to recycled materials can improve the strength and toughness of recycled materials</li> </ul>	25KG/bag	5%~10%
Matting Agent	GY-MT32 GY-MT40	Powder	<ul style="list-style-type: none"> <li>● Excellent matting effect</li> <li>● Decreases the gloss of resin, will not occur the produce glare phenomenon</li> <li>● Good processability and good dispersion</li> <li>● Gives the product a low-key luxurious texture</li> </ul>	25KG/bag	3%~9%
Anti-Scratch Additive	G GK-1500	Powder	<ul style="list-style-type: none"> <li>● Provides excellent impact strength</li> <li>● Low surface tension and viscosity reduction</li> <li>● Good processing compatibility</li> <li>● Suitable for outdoor products</li> </ul>	20KG or 25KG/bag	2%~7%

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Product	Grade	State	Features	Packing	Dosage
Dispersing Agent	OZ-110S	Pellet	<ul style="list-style-type: none"> <li>● Excellent decentralized coupling performance</li> <li>● Provides product fluidity, electrical properties and chemical resistance</li> <li>● High heat stability</li> <li>● Improves dispersion during production</li> </ul>	20KG/bag	0.5%~1%
Heat-Resistant Enhancer	GY-HP-10	Powder	<ul style="list-style-type: none"> <li>● Enhances the thermal cracking temperature of plastic and rubber</li> <li>● Improves the deterioration of resins and plastics in the process of heating</li> <li>● Remarkable weather resistance</li> <li>● Can be used to recycled materials</li> </ul>	20KG/bag	1%~2%
Lubricant Additives	CL-220	Liquid	<ul style="list-style-type: none"> <li>● Perfect transparency and increases the thermal stability of products</li> <li>● Excellent anti-adhesive and anti-caking ability to improve processability</li> <li>● Improves product smoothness</li> </ul>	175KG/drum	1%~3%
Antibiotic Agent	GY-ANTIBIOTIC-200	Powder	<ul style="list-style-type: none"> <li>● Provides good heat resistance to various plastics, elastomers</li> <li>● Suitable for high temperature processing products</li> <li>● Avoids moldiness caused by humid and rainy weather</li> <li>● Provides good and long-term antibacterial properties</li> </ul>	20KG/bag	0.5%~1%
Antistatic Agent	GYC-AT-300 GYC-AT-300B	Powder & pellet	<ul style="list-style-type: none"> <li>● Good antistatic property</li> <li>● Good compound ability with resin and plastic</li> <li>● Effectively reduces surface resistance of products</li> <li>● Lower and more economical dosages</li> </ul>	20KG/bag	0.5%~1.5%

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Product	Grade	State	Features	Packing	Dosage
Processing Additive	GOYENCHEM-FAID3200	Powder	<ul style="list-style-type: none"> <li>● Functional processing aids for wire and cable and thermoplastic</li> <li>● Reduces mold die pressure and reduce production costs</li> <li>● Prevents melt cracks and improve product quality when used in wire and cable</li> </ul>	20KG/bag	0.5%~1%
Polyolefin Elastomer	GY-PEL-300	Pellet	<ul style="list-style-type: none"> <li>● High durability and mechanical properties</li> <li>● High elasticity and toughness</li> <li>● Excellent adhesion</li> <li>● Good compatibility with various hydrocarbon-based polymers</li> </ul>	25KG/bag	Dosage can be adjusted according to customer's formula
Titanium Dioxide	GR-63 / GR-65 GA-11	Powder	<ul style="list-style-type: none"> <li>● Excellent whiteness</li> <li>● GYC Group special chloride process</li> <li>● Perfect weatherability</li> <li>● High gloss</li> <li>● Good dispersion in resin and polymer</li> <li>● Excellent tinting strength</li> <li>● Good covering power</li> <li>● Ease of dispersion</li> <li>● Super durability</li> <li>● Low VOC</li> <li>● Suitable for outdoor or indoor products</li> </ul>	25KG/bag	Dosage can be adjusted according to customer's formula
Stearic Acid	ST-11/ ST-21	Solid	<ul style="list-style-type: none"> <li>● Widely used in the manufacturing of PVC plastic pipes, sheets, profiles and films.</li> <li>● As a PVC heat stabilizer with good lubricity, good light and heat stability</li> </ul>	25KG/BAG	Dosage can be adjusted according to customer's formula
Zinc Stearate	Zinc Stearate	Solid	<ul style="list-style-type: none"> <li>● As a stabilizer for plastic and rubber industry</li> <li>● Good compatibility</li> <li>● As a release agent and lubricant</li> </ul>	20KG/bag	Dosage can be adjusted according to customer's formula

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