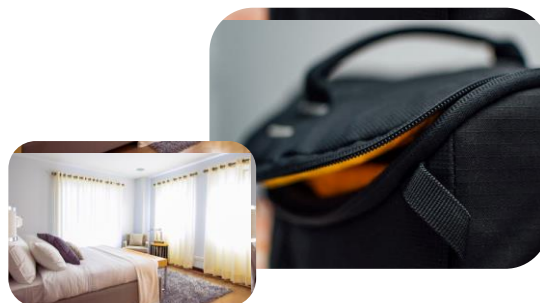




High performance functional additive for textile

Best selling series:

Product	State	Grade	Application	Dosage	Packing
Fluorine-free water repellent agent	Liquid	GOYENCHEM-S190 GOYENCHEM-S192 GOYENCHEM-S194 GOYENCHEM-S series	<ul style="list-style-type: none"><li>● Special nano-structure, has excellent water-repellent properties</li><li>● Soft hand feeling after treated</li><li>● Good durability.</li><li>● The well-known PU factory is applied to the oil-free and water-based PU processing, will not debond. The processability and coating appearance are outstanding.</li></ul>	Dipping Padding	120KG or 200 KG/drum
C6 Environmental type water repellent agent	Liquid	GOYENCHEM-E631 GOYENCHEM-E series	<ul style="list-style-type: none"><li>● Low-carbon eco-friendly type water repellent</li><li>● Good compatibility, little affected by the residues of pre-treatment agent.</li><li>● Soft hand feeling after treated</li><li>● Designated product for well-known textile factories</li><li>● AATCC193 water repellent test can reach 90~100 score</li></ul>	Dipping Padding	120KG or 200 KG/drum
C8 High effect water repellent agent	Liquid	GOYENCHEM-722 GOYENCHEM-744 GOYENCHEM-832 GOYENCHEM-830	<ul style="list-style-type: none"><li>● Excellent water and oil repellent properties</li><li>● Soft hand feeling after treated</li><li>● Special nano-technology, can be widely used in high and low temperature process</li></ul>	Dipping Padding	120KG or 200 KG/drum



THE LARGEST MANUFACTURER OF FUNCTIONAL ADDITIVES IN ASIA.



High performance functional additive for textile

Product	State	Grade	Application	Dosage	Packing
Flame retardant(for post treatment)	Liquid	GY-MF-PU GOYENCHEM-FT SERIES	<ul style="list-style-type: none"><li>● Halogen-free</li><li>● Flame retardant for various fiber</li><li>● Good hand feeling and softness after treated</li><li>● Strong penetration</li></ul>	Dipping Padding	20KG or 200 KG/drum
Flame retardant (for dyeing tank)	Liquid	GOYENCHEM-FT GOYENCHEM-FT50	<ul style="list-style-type: none"><li>● Excellent flame retardant properties</li><li>● Good water solubility and processing properties</li><li>● Good hand feeling for textile</li><li>● Provide the added value for textile</li></ul>	Dipping	20KG or 200 KG/drum
Flame Retardant (for textile backing adhesive and textile coating)	Liquid	GY-FR-PTL141 GY-FR-P35	<ul style="list-style-type: none"><li>● Compatible and ease dispersing with all kinds of resin and polymer</li><li>● Confer long term flame retard ability for end product</li><li>● Compatible with comprehensive and all kinds of adhesive, paint and coating</li></ul>	10~30%	20KG or 200 KG/drum
Flame Retardant (for textile backing adhesive and textile coating)	Powder	GY-FR-OP10 GY-FR-B80	<ul style="list-style-type: none"><li>● Offer excellent flame retardant effect</li><li>● Compatible with comprehensive and all kinds of adhesive, paint and coating</li></ul>	10~30%	25KG/bag
Anti-UV additives for synthetic fiber(water-base ,post-treatment, PAD tank use )	Liquid	GOYENCHEMUUV-W20	<ul style="list-style-type: none"><li>● Effectively improve the UV resistance of polyester fibers and enhance the light fastness</li><li>● Excellent effects for polyester fiber, CDP and other blended products</li><li>● Prevent the change of polymer properties caused by various environments or oxidation, ensure the processability and the life time of products.</li></ul>	2~5%	30KG or 200KG/drum



High performance functional additive for textile

Product	State	Grade	Application	Dosage	Packing
Anti-Fluff Anti-wrinkle additive	Liquid	GY-AG-22	<ul style="list-style-type: none"><li>● Prevent pilling phenomenon well to all kinds of fiber</li><li>● Eliminate wrinkle and resin spot</li></ul>	30 g/l ~ 70 g/l	200KG /drum
Antibiotic agent for textile (post –processing)	Liquid	GY-ANTIBIOTIC- SERIES	<ul style="list-style-type: none"><li>● Antibacterial and anti-mould for post processing application</li><li>● Deodorant properties to products, especially for leather or shoes and apparel products.</li><li>● Long-lasting antibacterial and will <b>NOT</b> volatilization</li></ul>	Dipping	20KG or 200 KG/drum
Anti-bacteria Agent for Textile	Liquid	GOYENCHEM-106	<ul style="list-style-type: none"><li>● Excellent antimicrobial performance for fabrics</li><li>● Compatible to both Cation and Nonionic system</li><li>● Perfect multi-functions such as quick drying, anti-static and comfort.</li><li>● Suitable for weave and knit products</li><li>● Can be applied in either dipping process or padding operation, in order to provide great combination with the hydrophilic group of polyester fibers.</li></ul>	Dipping 2-5%	25KG/drum
High Effective anti-discoloring agent	Liquid	GY-TC series	<ul style="list-style-type: none"><li>● Improve color fading and yellowing defects of polymer and fiber</li><li>● Improve the yellowing of color caused by ultraviolet light and sunlight (UV) irradiation</li></ul>	dipping	20KG or 200 KG/drum
Anti-yellowing agent for Nylon fiber	liquid	GY-TC-24	<ul style="list-style-type: none"><li>● Improve color fading and yellowing defects of polymer and fiber</li><li>● Improve the yellowing of color caused by ultraviolet light and sunlight (UV) irradiation</li></ul>	dipping	20KG or 200 KG/drum
Softener	Liquid	GY-SF-62	<ul style="list-style-type: none"><li>● Give a soft touch of fiber</li><li>● Widely used in various fibers such as Polyester, Acrylic, Nylon, etc.</li></ul>	1%~3%	120KG or 200KG/drum

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High performance functional additive for textile

Product	State	Grade	Application	Dosage	Packing
Textile Use Cool Feeling Nano Catalyst	Liquid	GOYENCHEM-COOL series	<ul style="list-style-type: none"> <li>● Great breathability and good moisture control, let fabric cool, comfortable, breathable, non-stick body</li> <li>● highly efficient synthesis of nano structure</li> <li>● Do not affect the absorption in textile</li> <li>● Provide soft hand feeling of textile</li> </ul>	Dosage can be adjusted by customer's formula	
Antistatic agent for textile (post-processing)	Liquid	GYC-AT-789	<ul style="list-style-type: none"> <li>● Antistatic performance for synthetic finer and polyester</li> <li>● Will not affect the color fastness and hand feeling after used</li> </ul>	Dosage can be adjusted by customer's formula	25 KG or 50 KG/drum
Antistatic agent for textile ( textile coating)	Liquid	GYC-AT-786	<ul style="list-style-type: none"> <li>● Excellent antistatic effect</li> <li>● Good compatibility with various resin, coating, ink, adhesive</li> <li>● Good coating uniformity</li> <li>● Obvious effect at low dosage</li> </ul>	0.3~3%	25KG/drum
Matting agent for textile ( for textile coating)	Powder	GY-MT412 GY-MT32 GY-MT SERIES	<ul style="list-style-type: none"> <li>● Excellent matting effect</li> <li>● Decrease the gloss of resin, will not occur the produce glare phenomenon</li> <li>● Good processing ability and good dispersion</li> <li>● Give the product a low-key luxurious texture</li> <li>● Special nano surface treatment, good anti settling property</li> </ul>	3%~9%	10KG/bag or 25KG/bag
Intensified agent (dry/wet) rubbing &crocking fastness	Liquid	GY-AT-15	<ul style="list-style-type: none"> <li>● Enhance the wet &amp; dry rubbing/crocking of nature fiber and synthetic fiber</li> <li>● Not affect the tear strength of textile product</li> <li>● The protection by the special nanometer structure to the textile</li> <li>● Not affect washing, sublimation and light-fastness</li> <li>● Environmental Friendly product</li> </ul>	40~50g/l	20KG or 200 KG/drum



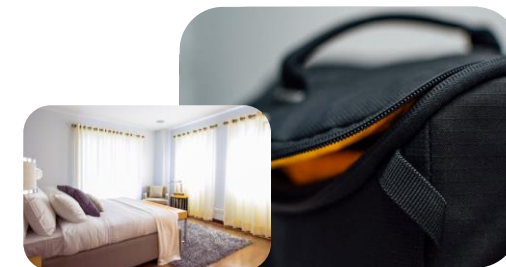
## High performance functional additive for textile

Product	State	Grade	Application	Dosage	Packing
Dispersing agent for polyester use	Liquid	GY-DL-30P GY-DL series	<ul style="list-style-type: none"><li>● Improve for all types of polyester fiber leveling effect</li><li>● Improve the compatibility of use and prevent flower color dyes when the dyeing, improving dyeing uniformity, shorten the dyeing time</li><li>● No effect on the dye ability of reactive dyes and direct dyes, can be used for the mixed-fiber polyester</li></ul>	0.5~3.0g/l	20KG or 200 KG/drum
Dispersing agent for cotton use	Liquid	GY-DL-52C	<ul style="list-style-type: none"><li>● Improve the compatibility of use and prevent flower color dyes when the dyeing, improving dyeing uniformity, shorten the dyeing time</li><li>● No effect on the dye ability of reactive dyes and direct dyes, can be used for the cotton.</li></ul>	0.5~3.0g/l	20KG or 200 KG/drum
Anti-foaming agent	Liquid	GY-LA-21 GY-LA-56	<ul style="list-style-type: none"><li>● With excellent anti-foaming and breaking foaming ability through nano structures</li><li>● Have good water dilution, difficult to be stratified</li><li>● Effective effect on manufacturing process of anti-foaming and eliminating air bubbles under construction</li></ul>	0.2~1%	50KG/drum
Wetting Agent	Liquid	GY-WT series	<ul style="list-style-type: none"><li>● Excellent wetting ability.</li><li>● Work well with poor wet ability textile.</li><li>● Deliver great wetting ability for stiffening, softening and other processing.</li><li>● More efficient than ordinary wetting agent.</li></ul>		

During 40 years experiences in fine chemical field, GYC Group has made a barrier to competitors and imitators because of our incomparable technology. Nowadays, GYC Group has exported our products over than 60 countries.

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