



TESCO

Additives Catalog

About Us

Trade and Economy Solution Group (TESG) is well-positioned to utilize its strong legal and financial foundation, extensive communication infrastructure, and business network to assist clients in trading various components.

With our wealth of experience and resources, we have the ability to oversee all aspects of general trading, including marketing, negotiating contracts, making product sales, managing logistics, handling financial transactions, managing customers, providing customs services, as well as sales and procurement engineering. Moreover, we excel in offering a wide range of essential services to ensure that each component is traded globally at the highest quality standards.

Polymer & Petrochemical Department

The integration of polymers into everyday life has reached unprecedented levels, a trend that continues to accelerate. Across various industrial sectors, from water and energy transfer to automotive design and manufacturing, polymers have enabled the development of innovative solutions to a range of complex challenges.

Today, the application of polymers has expanded significantly in comparison to metal and mineral materials, a trajectory that is expected to persist. TESG with its extensive experience in international markets, is poised to guide companies through the rapid development and expansion of polymer products. By creating value across the supply chain, TESG can provide tailored solutions to meet the specific needs of this dynamic industry.



Additive Masterbatch

An additive masterbatch is a concentrate in granule form for modifying thermoplastics. Additive masterbatches consist of one or more additives and a polymer. Plastic additives encompass a diverse range of specialty chemicals that are either integrated into the plastic product before or during processing, or applied to the product's surface upon the completion of processing. The responsibility of selecting the appropriate additive largely falls on the plastic processor or the compounder responsible for the modification. These materials find utility in three key stages: finishing, compounding, and the fabrication of a specific end product.

| Masterbatch | Recycle | Film Packaging | Pipe | Cable | Automotive | Textile |
|---|---------|----------------|------|-------|------------|---------|
| Viscosity enhancer | | | | | | x |
| Melt viscosity modifier | x | | | | | x |
| Compatibilizer | x | x | x | x | x | |
| Anti-Oxidant | x | x | x | x | | |
| Oduor scavenger | x | | | | | |
| Polymer Processing Aid (PPA) | x | x | x | x | | |
| Impact modifier | x | | x | x | x | |
| Fragrance masterbatch | x | x | | | | x |
| Slip agent | | x | | | | |
| Anti block | | x | | | | |
| IR radiation absorber | | x | | | | |
| Anti UV | | x | x | x | x | |
| Anti fog | | x | | | | |
| Cling agent (Polyisobutylene masterbatch) | | x | | | | |
| Black | | x | | | | |
| white | | x | x | x | x | |
| Anti-Rodent | | | x | x | | |
| Anti-bacterial | | x | x | x | | x |
| Foaming agent | | x | x | x | x | |
| Anti scratch | | | | | x | |
| Nucleating agent | | x | | | | |
| Frost Effect | | x | | | x | |
| Cleaning agent | x | x | x | x | x | |
| Antistatic | | x | | | x | |
| Fire retardant | | | x | x | x | |
| Tie-Layer (Maleic anhydride grafted PO) | | x | x | x | x | |



Polyethylene Wax

Polyolefin waxes are the most significant fully synthetic waxes available. Among them, polyethylene waxes are especially prominent in both market presence and applications, surpassing other variants such as polypropylene waxes.

Polyethylene wax is a high-purity product obtained from the thermal degradation of polyethylene. It has a medium molecular weight, contains no volatile substances, and appears as a white solid. This product boasts high chemical resistance, excellent thermal stability, and high viscosity. These properties make it useful for creating better sliding and increasing wear resistance. This material finds wide applications in the processing industries of PVC, rubber and plastic products, textile, paint, coating, and ink.

| PEWAX | Color | Shape | Density | Viscosity | Flash point | Volatile |
|-------|-------|-------|---------|-----------|-------------|----------|
| | | | mg/ml | cp @140°C | °C | % |

| | | | | | | |
|------------|-------|---------------|-----------|--------|-------|-----|
| PEWax-10 | White | Flake, Powder | 0.92-0.94 | 10-20 | 135 | 3 |
| PEWax-20 | White | Flake, Powder | 0.92-0.94 | 20-40 | 135 | 3 |
| PEWax-40 | White | Flake, Powder | 0.92-0.94 | 40-70 | 140 | 3 |
| PEWax-70 | White | Flake | 0.92-0.94 | > 70 | 145 | 3 |
| PEWax-400 | White | Powder | 0.94 | 400 | > 240 | 0.3 |
| PEWax-800 | White | Powder | 0.94 | 800 | > 240 | 0.3 |
| PEWax-1200 | White | Powder | 0.94 | 1200 | > 240 | 0.3 |
| PEWax-1800 | White | Powder | 0.94 | > 1800 | > 240 | 0.3 |



Contact Info

Please feel free to contact us for any additional information and technical consultation. We have the capability to provide you with a customized product of superior quality at a competitive cost.



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