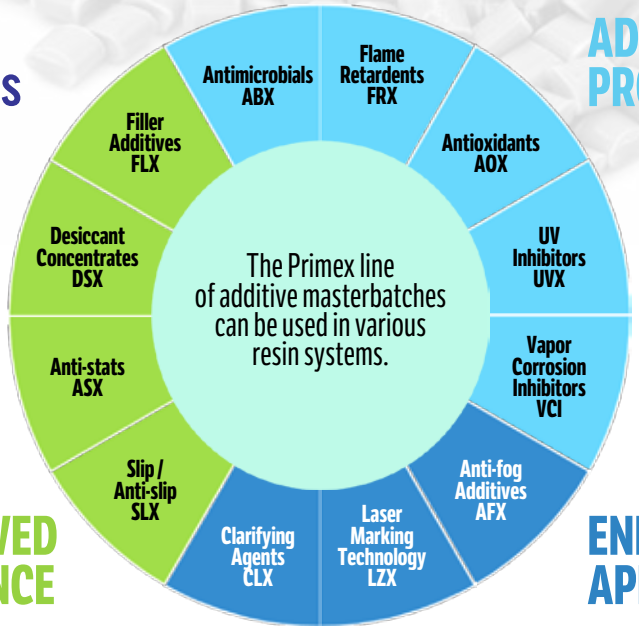
INTERACT®
ADDITIVE MASTERBATCHES

PRIMEX
COLOR, COMPOUNDING & ADDITIVES
A subsidiary of Primex Plastics Corporation

Interact® Additive Masterbatches are formulated to meet any of your product enhancement requirements.



ADDED PROTECTION

IMPROVED PERFORMANCE

ENHANCED APPEARANCE

ABX Antimicrobials

Untreated plastic articles can be attacked by microbe growth causing unsightly discoloration, unpleasant odors, and polymer degradation issues.

INTERACT ABX antimicrobial MB improves a wide range of plastic products by providing inherent microbe-fighting properties that control the spread of fungi and algae on the surface of treated products.

AFX Anti-Fog Additives

Typically used in food packaging applications, AFX anti-fogging additives are a cost-effective means of preventing water droplets from forming inside the packaging.

Anti-fog additives work by lowering the surface tension of the plastic, making the product more hydrophilic causing the water to spread out into a film, reducing light refraction that causes haze.

AOX Antioxidants

Plastic products are susceptible to oxidation; a molecular degradation that can occur both during the production process as well as throughout a product's life. AOX antioxidant additives combat degradation and help the product maintain its characteristics and color.

PCCA has a broad line of AO and UV additive masterbatches coupled with years of experience in stabilizing most polymer systems for both FDA and non-FDA applications.

ASX Anti-Stats

Antistatic additives control the buildup of static charges in thermoplastic parts, enabling them to dissipate by absorbing and ionizing moisture from the air, which forms a conductive path for surface static charges. ASX anti-stats are compatible with a variety of processes including blow molding, injection molding, extrusion and film processing.

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CLX Clarifying Agents

Polypropylene (PP) is a preferred choice for many applications due to its strong physical properties and sustainability. By itself, however, the material is naturally translucent or opaque.

Clarifiers increase the clarity of PP by reducing the size of the spherulites (spherical semi-crystalline regions). Smaller spherulites allow more light through the polymer, which decreases the haze of the part. Unlike nucleating agents, clarifiers are transparent, which also helps to decrease haze values.

DSX Desiccant Concentrates

The active ingredient in DSX masterbatches react chemically with water molecules and effectively removes them from the system.

Desiccant additives typically are used to prevent issues linked to high moisture content in recycled polymers, allowing for higher use of post-consumer resin.

FLX Filler Additives

FLX Filler Additives are used to change and/or improve the performance characteristics of polymers. By using filler additives, manufacturers can also save on production as well as raw material costs. Filler types include, but are not limited to, calcium carbonate ($CaCO_3$), talc, clay, silica, wollastonite, calcium sulfate ($CaSO_4$), etc.

Primex can custom-formulate filler masterbatches for a full range of resin systems to meet your specific needs.

FRX Flame Retardants

PCCA produces a broad range of flame-retardant additives and compounds.

These additives are available in halogen or non-halogenated formulations across a variety of resins and can also be customized for specific needs.

PCCA can design and validate our FRX line to meet UL criteria.

LZX Laser Marking Technology

LZX additives are designed to work with laser technology to produce permanent marks that are resistant to wear and abrasion. Currently formulated in PE, PS, PP and ABS base resins, these materials allow for durable, high contrast marks and images to be added via laser processing.

Useful for customer part and print identification applications, embedding the information into the surface of the part.

SLX Slip/Anti-Slip

Plastics can be naturally "tacky" and have a high coefficient friction (COF), which can cause processing or performance challenges such as parts sticking to the mold surface during ejection, and sheet or film adhering to itself.

Slip additives are designed to migrate or bloom to the surface, lowering material COF. One application is a low COF sheet used in a supermarket, that allows their product to slide forward as they are removed from the shelf.

UVX UV Inhibitors

Ultraviolet (UV) stabilizers extend the useful life of products exposed to the damaging effects of sunlight or other sources of ultraviolet radiation. We use UV inhibitors to protect the material by absorbing harmful wavelengths and/or interfering with the free radical formation of the polymer molecules from UV exposure.

PCCA has a broad line of AO and UV additive masterbatches coupled with years of experience in stabilizing most polymer systems for both FDA and non-FDA applications.

VCI Vapor Corrosion Inhibitors

PCCA's VCI products are primarily used in packaging film. Vapor corrosion inhibitor additives are used to eliminate rust on metal parts during shipping.

VCIs function by volatilizing and coating the metal part, thereby stopping the reaction that causes rust.

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