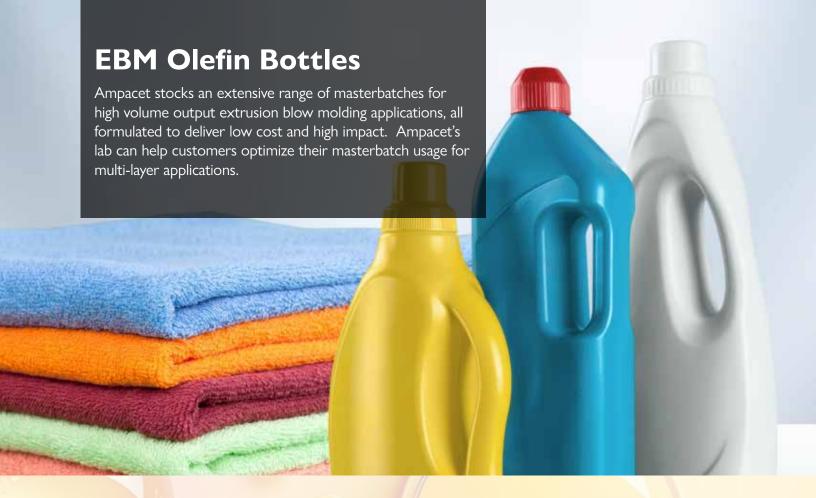




IBM Olefin Bottles

Ampacet offers a wide selection of masterbatches used in injection blow molded packaging. Formulated for superior dispersion and core rod release, these products are ideal for threaded bottles commonly used in pharmaceuticals, nutraceuticals and food packaging.

Description	Primary Application	Details	Carrier	Regulatory	Code
White	Pharmaceutical Packaging	70% TiO ₂	LLDPE	FDA	11748
White	Pharmaceutical Packaging	70% TiO ₂	PP	FDA	111040
White	Pharmaceutical Packaging	50% TiO ₂	LLDPE	FDA	11070
White	Pharmaceutical Packaging	50% TiO ₂	LDPE	FDA	11078
White	Pharmaceutical Packaging	50% TiO ₂	PP	FDA	11343
FDA Black	Pharmaceutical Packaging	40% Carbon	LLDPE	FDA	191029
Kosher FDA Black	Pharmaceutical Packaging	40% Carbon	PP	FDA	191114
Core Rod Release	Core Rod Release	Proprietary	LDPE	FDA	100664
Core Rod Release	Core Rod Release	Proprietary	PP	FDA	100665



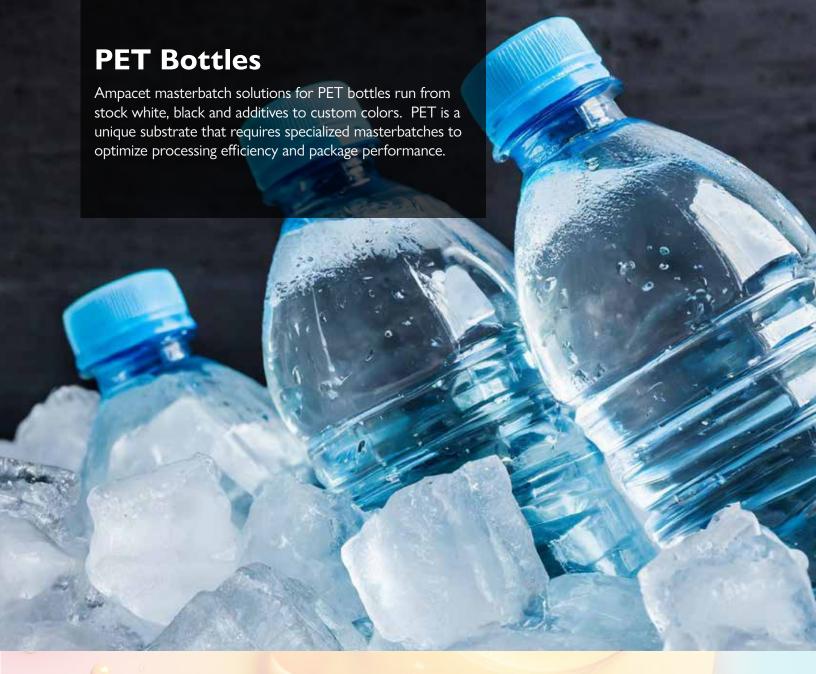
Description	Primary Application	Details	Carrier	Regulatory	Code
White	General Use	High Load	LLDPE	FDA	11748-N
White	General Use	Engineered White	LLDPE	FDA	110017-A
Safari White	Dairy, Nutrient Rich Contents	Light Blocking	LLDPE	FDA	111682
Blue White	Bleach Bottles	Proprietary	LLDPE	FDA	11744
Black	Oil Bottles General Use	50% Carbon	LLDPE	HMF	19501
Black	General Use	50% Carbon	LLDPE	HMF	19673-GR
FDA Black	FDA Applications	40% Carbon	LLDPE	FDA	191029
NIR Black	APR Sorting Applications	REC NIR Black	LLDPE	HMF	1900504-N
Antistat	General Use Antistat	Amine AS	LDPE	FDA*	10053
Antistat	Antistat For Dust Control	Proprietary	EMA	FDA	104355-NA
UVA	UV - Content Protection	10% UVA	LLDPE	FDA	100977
UVI	UV - Resin Protection	10% UVI	LDPE	FDA	100600

^{*}With restrictions



ColorSave® 1000 is the only gravimetric feeder with the Smart-Clean feature to automatically purge colorant in seconds between runs.

ColorSave 1000 also features an Outer Protective Shell with an inner floating hopper and single-point load cell so you can confidently feed expensive colors and additives at the lowest possible LDR.



Description	Primary Application	Details	Carrier	Regulatory	Code
White	General Use	50% TiO₂	PET	FDA	71247 <mark>4</mark> -NA
Black	General Use	15% Carbon	PET	FDA	7900002-N
Black	General Use	25% Carbon	PET	FDA	7900015-N
NIR Black	APR Sorting Applications	REC NIR Black	PET	FDA	7900107-NB
UVA	UV - Content Protection	Proprietary	PET	FDA	7000163-N



ColorSave®-Micro is the first gravimetric feeder for micro molding and extrusion applications. The outer shell protects the load cell and inner hopper from vibrations and impacts, resulting in ± 0.5% accuracy—down to a single pellet and up to 10 lbs/hr.



Description	Primary Application	Details	Carrier	Regulatory	Code
White	General Use	70% TiO ₂	LLDPE	FDA	11748
White	General Use	70% TiO ₂	PP	FDA	111040
White	General Use	50% TiO ₂	LLDPE	FDA	11070
White	General Use	50% TiO ₂	LDPE	FDA	11078
White	General Use	50% TiO ₂	PP	FDA	11343
FDA Black	General Use	40% Carbon	LLDPE	FDA	191029
Kosher FDA Black	General Use	40% Carbon	PP	FDA	191114
Mold Release	General Use	Proprietary	LDPE	FDA	100664
Mold Release	General Use	Proprietary	PP	FDA	100665
Antistat	Antistat For Dust Control	Proprietary	EMA	FDA	104355-NA
Slip	Blow Bloom Slip	5% Erucamide	LLDPE	FDA	10090-P





BlendSave® central blending and automated material distribution system blends up to 40 materials, up to 50 machines, and at rates up to 6,600 lbs/hr and can deliver any recipe, to any machine, at any time. BlendSave automates material distribution to the machines... no more manifolds or hoses to switch.



Description	Primary Application	Details	Carrier	Regulatory	Code
White	General Use	70% TiO ₂	PP	FDA	111040
White	General Use	70% TiO ₂	GPPS	FDA	6100056-N
White	General Use	50% TiO ₂	PET	FDA	712474-NA
FDA Black	General Use	40% Carbon	LLDPE	FDA	191029
Kosher FDA Black	General Use	40% Carbon	PP	FDA	191114
FDA Black	General Use	40% Carbon	GPPS	FDA	69000 <mark>08-N</mark>
Black	General Use	15% Carbon	PET	FDA	7900002-N
Black	General Use	25% Carbon	PET	FDA	7900015-N
UVA	UV - Content Protection	10% UVA	LLDPE	FDA	100977
UVA	UV - Content Protection	Proprietary	PET	FDA	7000163-N



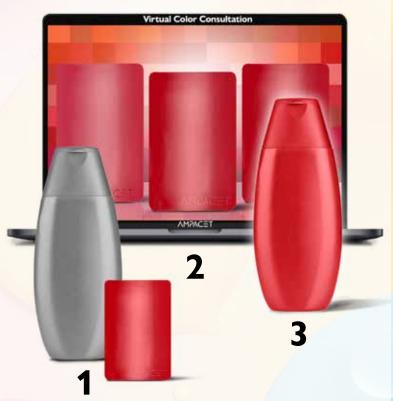
DualSave® precision double dosing system uses a single control to regulate two feeders connected to a single neckpiece. DualSave assures consistent and precise operation for either gravimetric or volumetric feeding to significantly reduce rejects and improve quality.





Insight and Innovation Services

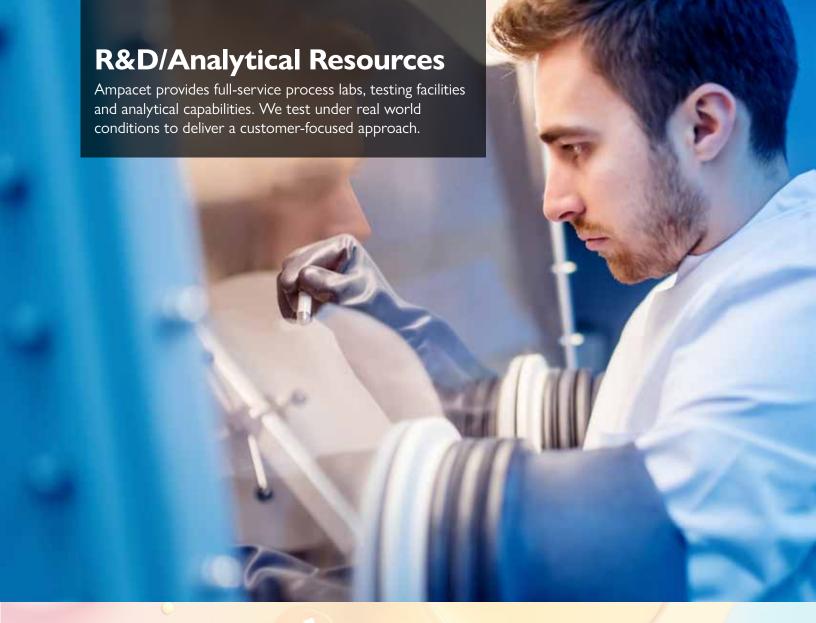
Ampacet professionals forecast emerging trends that influence consumer preferences for package designs. We also provide customized market palettes and intelligence reports to maximize category and product differentiation.



Virtual Color Consultation

Real-time color consultation takes you from concept to prototype faster than ever. Our cross-functional color expertise and virtual color matching technology give you a competitive edge.

- 1 Color Match Requested
- 2 Online Consultation
- 3 Color Sample Delivered







Process Labs

- Twin and single screw extruders
- Banbury mixers
- Monolayer blown film lines
- 3-layer A/B/C blown film line
- Monolayer cast film line
- Xenon arc, QUV weathering
- Injection molding
- Elemental nitrogen analyzer

Physical Testing Lab

- Instron, blocking force
- Coefficient of friction
- Static decay, resistivity
- Haze / LTM / Gloss
- Optical microscopes
- Tensile/elongation
- Capillary rheology
- Notched Izod impact
- Antifog testing

Analytical Lab

- Differential scanning calorimeter
- Thermogravimetric analyzer
- Gas chromatography
- High performance liquid chromatography
- FTIR infrared spectrometer
- Ultraviolet/visible spectroscopy
- Moisture analyzer
- Elemental nitrogen analyzer

About Ampacet

Ampacet integrates a portfolio of masterbatches with the most advanced automated feeding, blending and color management equipment to provide sustainable solutions in rigid packaging.



R³ Sustainable Solutions represent Ampacet's commitment to the global circular economy with a growing portfolio of innovative masterbatches benefiting customers, the industry, and the planet. With these solutions, Ampacet helps customers reduce waste and energy in manufacturing, reuse more regions in finished products, and recycle a higher percentage of their products.

more postconsumer resins in finished products, and recycle a higher percentage of their products.

Ampacet continues to reduce the environmental impact of its global manufacturing and distribution operations. The company also works with industry partners and organizations around the world to highlight the positive impact of plastics and develop processes and systems that improve sustainability.



LIAD pioneered the single component gravimetric feeder for injection molding machines and is the leading developer of innovative feeders, blenders and real-time quality control color solutions for the plastics industry. Look for the LIAD Smart label to ensure the highest quality and accuracy.



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