



» PRODUCT BULLETIN

Cesa™ WithStand™ Antimicrobial Additives

Cesa™ WithStand™ Antimicrobial technologies counteract bacteria, fungi and microbes to enhance the performance of plastic products and devices. Formulated with organic and inorganic antimicrobial additives, Cesa WithStand technologies are tested to specific log reduction requirements to eliminate or inhibit microbe growth, and protect against microbial degradation, mold and mildew.

By limiting the growth of microbes in finished plastic parts, Cesa WithStand can reduce odor development, helping products smell better longer. They also can protect against staining and discoloration, extending product life to keep things looking newer.

Cesa WithStand Antimicrobial Additives can be used across a wide range of polymer types. They provide a proven, effective and durable solution for countering microbe growth in finished plastic parts used in health and wellness applications. They are also very useful in a variety of other applications such as packaging, electronics or transportation.

Cesa WithStand solutions include technical assistance to customize the additive dosage, as well as support with processes and specifications, helping to reduce time to market and saving time and cost in the development process.





KEY CHARACTERISTICS

- Additives to retard microbe growth in finished plastic parts, enhancing product performance
- Reduces bacterial, mold and fungal growth on the surface as well as through the thickness of the plastic part
- Helps reduce odor, staining, discoloration and loss of mechanical properties
- Available for a variety of processes including extrusion, injection molding, blow molding, rotational molding and thermoforming

MARKETS AND APPLICATIONS

Suitable for a wide variety of applications, Cesa WithStand Antimicrobial Additives add value across these key markets:

- Packaging*
- Cosmetics
- Wellness
- Appliances
- Electronics
- Building & construction
- Transportation
- Wire & cable

* Contact an Avient representative to check food contact compliance

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