



» PRODUCT BULLETIN

OnCap™ HC & OnCap™ HC Plus Additives for Healthcare

OnCap™ HC and HC Plus Additives are specially formulated to meet material performance requirements in today's healthcare environments. Through a broad portfolio of technologies, these functional polymer additives provide enhancements to healthcare, medical, cosmetic or pharmaceutical applications, including OnCap HC Plus for those that require bio-compatible solutions.

OnCap HC and HC Plus Additives for healthcare support a variety of performance enhancements, such as providing antimicrobial protection, surface energy management, content protection or physical property modifications. Whether protecting from ultraviolet rays or microorganisms, OnCap HC Additives ensure optimal product performance to deliver a competitive advantage.

In addition to advancing product performance, some OnCap HC Additives are formulated to improve manufacturing efficiency of medical parts and devices.

Additive technologies focused on processing, such as cycle time reducers or chemical foaming agents, maximize production throughput and can help achieve cost savings and process optimization.

KEY CHARACTERISTICS

- Formulated specifically for healthcare product applications
- Wide portfolio of polymer additive solutions, including:
 - Antimicrobial technology
 - Surface energy modification, including low retention
 - Authentication technology
 - Lasermarking
 - Sterilization and content protection
 - Processing optimization
 - FDA compliant resin and color changeover solutions
- OnCap HC Plus certified for USP Class VI and ISO 10993 bio-compatibility requirements; includes anti-oxidant, lasermarking, antimicrobial, radiopacifier, anti-stat, and polymer and gamma stabilization performance additives



OnCap HC and HC Plus Additives can be used in a wide range of polymer resins. With certified OnCap HC Plus additives, that list includes the following for use in biocompatibility applications.

Polypropylene (PP)

Polyethylene (PE)

Polystyrene (PS)

Thermoplastic Elastomer (TPE)

Thermoplastic Polyurethane (TPU)

Polyamide (PA)

Copolyester (CoPET)

Thermoplastic Vulcanizates (TPV)

Polycarbonate (PC)

Acrylonitrile Butadiene Styrene (ABS)

Polycarbonate/ABS (PC/ABS)

INDUSTRY SUPPORT

- Supported with a broad range of technical support and services:
 - Restricted medical-grade raw material selection process
 - Sampling program
 - World-class FDA cGMP manufacturing facilities
 - Batch traceability and formulation lockdown systems
 - FDA Drug Master Files or Medical Device Files maintenance

MARKETS AND APPLICATIONS

OnCap HC and OnCap HC Plus Additives are an excellent choice for medical devices and parts, pharmaceutical or cosmetic packaging, and many other healthcare related polymer applications.

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