



» APPLICATION BULLETIN

Mevopur™ Healthcare Colorants and Formulations and Mevopur™ Healthcare Functional Additives for Bormed™ Resins

Mevopur™ Healthcare Colorants and Formulations and Mevopur™ Healthcare Functional Additives help medical device, diagnostics and pharmaceutical packaging sectors meet the growing challenges of product consistency, compliance and reliability. They are adapted to your manufacturing process and available as either a 'ready-to-use' formulation or a concentrate that is diluted in the Bormed™ resin of choice.

MEVOPUR COLORANTS

- Standard colors in PP and PE to shorten time-to-market
- Custom colors matched to Pantone, RAL or other color reference
- White colorants for pharmaceutical packaging for LDPE, HDPE and PP with opacity to reach USP chapter <671>

MEVOPUR FUNCTIONAL ADDITIVES

- Antistatic formulation with good flow/impact for injection molding
- Amide- and amine-free antistatic for film in contact with API (Active Pharmaceutical Ingredients)
- UV blocking for transparent PP and PE packaging to meet USP chapter <671>

- Non-migrating friction reduction/processing aid for PE and PP
- Laser marking/welding additive for fast, reliable marking/assembly
- MVTR (Moisture Vapor Transmission Rate) reduction for HDPE to improve shelf-life
- Thermal protection of the polymer during processing
- Gamma/e-beam sterilization protection for PP (up to 50kGy) with color compensation for reduced yellowing

REGULATORY SUPPORT

- Raw materials tested to:
 - ISO 10993-1 and USP <87> <88> biological evaluation
 - European Pharmacopeia 3.1.3/3.1.5 (polyolefin)
 - USP <661.1> (polyethylene)
 - ICH Q3D elemental impurities
- Registered Drug Master File (Type III) and/or Device Master File
- Food contact established with FDA/EU*

* FDA/EU compliance information available upon request
Bormed™ is a registered trademark of Borealis



Healthcare use limitations apply—see below.

1.844.4AVIENT
www.avient.com



Copyright © 2023, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as “typical” or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient’s products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.

Avient is committed to the needs of our healthcare customers. As part of our commitment, we publish Avient’s Mevopur™ product policy and use limitations to assist customers in their product selection.

It is the responsibility of the medical device manufacturer and the person placing the medical device on the market to ensure compliance of the medical device with all applicable laws and regulations, including the suitability of all raw materials and components used for its manufacture.

Please be aware that there are certain applications Avient’s Mevopur products have not been designed for, nor are they promoted or intended for use in: including, but not limited to long-term or permanent implants, birth control devices, or plastic surgery.

For more detailed information on Mevopur uses and restrictions see www.avient.com/healthcare-use-limitations-mevopur-products or contact your Avient sales representative.