



SUSTAINABILITY @ AVIENT

MATERIAL SCIENCE FOR A BETTER TOMORROW

ETHICON SUPPLIER MINI-CONFERENCE

AUGUST 17, 2022

SUSTAINABILITY



OUR MISSION
ENABLE OUR CUSTOMERS' INNOVATION AND SUSTAINABILITY
GOALS THROUGH WORLD CLASS PRODUCTS AND SERVICES
AND EXCELLENCE IN THE FOUR CORNERSTONES OF:



PEOPLE



PRODUCTS



PLANET



PERFORMANCE

2021 SUSTAINABILITY REPORT

Key Updates:

- Progress on 2030 sustainability goals
- Reaffirmed to U.N. Global Compact commitment
- New sustainability strategy overview page including 2022 AIP ESG metrics
- New ESG performance page with ESG ratings, awards, and certifications
- Expanded climate change approach and roadmap



<https://www.avient.com/company/sustainability>





8 WAYS WE HELP CUSTOMERS BE MORE SUSTAINABLE



Lightweighting



Bio-polymers



Reduced Energy Use



Eco-conscious



VOC Reduction



Sustainable Infrastructure



Recycle Solutions



Human Health & Safety

AVIENT'S APPROACH

HEALTHCARE APPLICATION SUSTAINABILITY



Reduce carbon footprint

- Mevopur™ color and additive solutions using non-fossil-based polymers
- Lower carbon footprint formulations
- Global network of ISO13485 facilities

Reduce material use

- Chemical Foaming Agents (CFA)
- Nucleating solutions to enable PP and HDPE wall-thinning

Alternative material use

- PVC, BPA, lead
- Thermoset rubber

MEVOPUR™ BIO-BASED SOLUTIONS



Color & additive masterbatches and ready-to-use formulations based on bio-polymers:

- Polyethylene
- Polypropylene
- ABS **NEW**
- Polycarbonate **NEW**
- Styrenics **NEW**

The bio-based content of the resin carrier varies between 70% and 100% depending on the polymer*

Suitable for use across a wide variety of healthcare applications

MEVOPUR BIO-BASED SOLUTIONS

REGULATORY COMPLIANCE SUPPORT*



- MEVOPUR bio-based solutions are formulated with raw materials tested to:
 - ISO 10993-1
 - USP <87> and <88> (incl. class VI)
 - European Pharmacopeia, monograph 3.1.3 / 3.1.5 (polyolefin packaging materials)
 - USP <661.1> (polyethylene)
 - Elemental impurities as per ICH Q3D
- Registered Drug Master File (Type III) and/or Device Master File by the FDA
- Food contact according to US FDA and EU norms

CONTACT US

FOR PRODUCT GUIDANCE
BASED ON YOUR
REQUIREMENTS

AVIENT CONTACTS

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THANK YOU

Sustainable Solutions Live Here.

At Avient, we create specialized and sustainable material solutions that transform customer challenges into opportunities, bringing new products to life for a better world.

