

# DESIGNING MORE SUSTAINABLE MATERIALS FOR ADVANCED UV/EB CURING SYSTEMS

## Alternative feedstocks

- **Sartomer® Bio-based:** Sarbio® (meth)acrylate resins feature up to 88% bio-content and introducing two new Sarbio® resins designed for 3D printing.
- **Mass balance offer:** Expanding our offering with bio-attributed solutions through our recent ISCC+ certification in Villers-Saint-Paul, France.



## Safer solutions

- **Reactive resins for low extractables and migration:** Further improving safety and performance in packaging inks and coatings.

## Lower energy intensity

- **UV/EB-cured solutions for coil coatings:** Enabling a technology transition for up to 60% energy savings\*
- **Dielectric coatings for battery cells:** UV-curable resins and photoinitiators with excellent dielectric properties, adhesion, flexibility and ease of assembly.



\*ECCA - Zero Carbon Coil Coating Line – The Way Forward



## Durability/end of life

- **De-inking solutions:** To increase plastic recycling in UV-cured inks through tailored product development

## Material development

- **Formulations for 3D printing:** Expertise and product development to address the challenges of additive manufacturing
- **Tailored material properties:** Asymmetric urethane acrylates and allyl-functionalized oligomers to tailor structure property relationships to meet customer needs



## JOIN OUR TECHNICAL CONFERENCES

### MONDAY, MAY 20

A More Sustainable Process for Dispersing Core Shell Impact Modifiers in Hydrophobic Acrylic Monomers

**Session 3C, 3:00pm**

### TUESDAY, MAY 21

The Future of Sustainability in Additive Manufacturing

**Session 4C, 8:00am**

Enable Recyclability of Packaging with De-inking solutions for UV printed inks

**Session 6A, 12:00pm**

### TUESDAY, MAY 21 (CONT)

Energy-efficient Insulative Coatings for Battery Cell Applications

**Session 7A, 3:00pm**

Inherently Reactive Urethane Acrylate Oligomers for UV Cured Materials with Low Extractables

**Session 7B, 12:00pm**

### WEDNESDAY, MAY 22

Reactive Acrylic Copolymers for Use in Low Extractable Coatings

**Session 8C, 8:00am**

VISIT OUR TEAM AT

**ARKEMA BOOTH #301**

MAY 20 - 22, 2024  
ORLANDO, FLORIDA, USA



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