

## Sustainability Solution

# Designing packaging for the Circular Economy?



### Overview:

Increased demand for recycled content and recyclability of packaging

### Problems:

Many plastic packages are not sortable or recyclable

### Solutions:

#### REC-NIR-BLACK & other NIR sortable colors

Allow scanning by NIR technology for automated sorting at recovery facilities



#### ReVive Compatibilizers

Enables consumers to recycle multilayer packaging containing both EVOH and/or PA6 (nylon)



#### ThermProtect Antioxidant & Stabilizers

Counteract contaminants in PCR and resins with multiple heat histories



#### Safari White

Protects against photo degradation with low mineral loading (<4%) in PET bottles



#### Nucleating Agents

Improves mechanical properties and rigidity in recycled polypropylene



#### Foaming Agents

Reduce the weight and amount of plastic in finished goods



#### Laser Marking

Eliminate labels and plastic wraps with easy-to-read laser printing



#### GASTOP-Flex Barrier Enhancer

Improve barrier performance and comply with circular economy guidelines



#### Biax4CE for BOPE

A portfolio of additives that support the circular economy in flexible packaging



For more information contact your Ampacet Representative or visit [ampacet.com](http://ampacet.com).