



## » PRODUCT BULLETIN

# ColorMatrix™ Amosorb™ 4020L Shelf Life Extender O<sub>2</sub> Scavenging Additive

Part of the ColorMatrix™ Amosorb™ range, ColorMatrix Amosorb 4020L is a shelf life extender oxygen scavenging additive designed for medium to long-term shelf life applications and is ideally suited for demanding juices, condiments, sauces, and beer products without stringent CO<sub>2</sub> egress protection. The additive is designed for use with recycled PET (rPET) and delivers full oxygen scavenging performance with up to 100% rPET content. Amosorb 4020L allows for LDR dosages that will provide long-lasting shelf life together with very good bottle aesthetics and unbeatable recyclability versus alternative solutions in clear monolayer applications.

Brand owners and converters alike face the challenge of ensuring that the oxygen scavengers they use in their PET bottles maintain efficacy with the introduction of increasing levels of rPET. By helping to achieve target rPET use percentage, where applied, Amosorb 4020L can help avoidance of potential plastic tax surcharges.

Amosorb 4020L offers an effective balance between bottle aesthetics, improved recyclability, and shelf life demands, by offering a cost-effective solution with reliable oxygen scavenging performance and rPET compatibility.

### TARGET MARKET & APPLICATIONS

PET and rPET rigid packaging for food & beverage products.

### REGULATORY

Amosorb 4020L meets direct food contact regulatory requirements in major markets.

### KEY BENEFITS

- Exceptional recyclability
- Compatible with rPET (recommended for >25% rPET content)
- Non-nylon based
- No scavenging delay or deactivation
- Flexibility to employ a wider span of LDR levels to reach long-term shelf life
- Excellent bottle aesthetics even at higher LDR
- Simple to use with existing mono-layer equipment
- Suitable for use on multi-layer machines



Contact Avient for specific clearances and use conditions.





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