

# Wingstay™ L

A Complete Solution  
for Oxidation

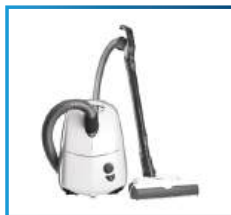


## EXCELLENT ANTIOXIDANT FOR EXTENSION OF RUBBER AND PLASTICS GOODS' LIFE CYCLE

Wingstay™ L is a highly effective polyphenol antioxidant which is suitable for natural and synthetic polymer-based articles like ABS, NBR, NR and XSBR.

Wingstay™ L offers maximum protection against product degradation and discoloration during processing and storage. It helps to extend rubber and plastic goods' life cycle and reduce service costs by protecting them from oxygen degradation. It also preserves the desired brittleness and stickiness required for a specific application.

Wingstay™ L antioxidant can be used directly, or after being pre-dispersed or emulsified for latex.



### Performance Highlights

- Protection of natural and synthetic polymers
- Non-discoloring, non-pinking
- Excellent color purity
- Persistent as a process stabilizer
- Low volatility

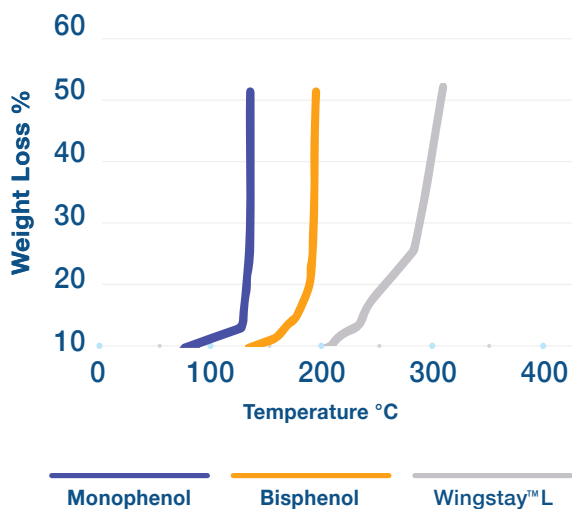
### Sustainability Highlights

- Prolong life cycle for product

The charts below show the comparison of Wingstay™ L against other types of antioxidants and the performance of Wingstay™ L for natural rubber glove application.

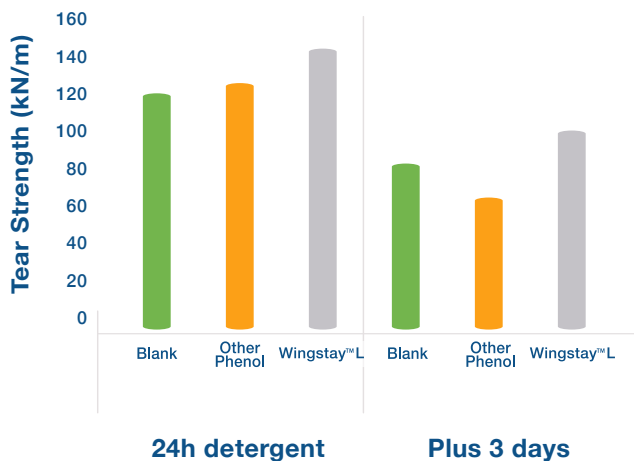
Wingstay™ L is more persistent than mono and bisphenol antioxidants

### Volatility



Wingstay™ L is recommended as a suitable antioxidant for the protection of natural rubber-based articles

### Natural Rubber Glove Resistance to detergent leaching at 70°C



Wingstay™ L allows formulator to achieve the best antioxidation properties for rubber glove formulations.

Wingstay™ L is manufactured and supplied by Synthomer, one of the world's leading suppliers of speciality chemicals with strong presence in a wide range of markets worldwide. Our state-of-the-art Wingstay™ L manufacturing facility near Shanghai enables us to have shorter lead time and service our customers better.

Wingstay™ L Characteristics	Value
Physical Form	Powder / Flakes
Glass transition temp	95°C minimum
Insoluble in toluene	0.3% maximum
Gardner color	2 maximum

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