

### Facestock

PLA is a corona-treated, white, biaxially oriented poly-lactic-acid film with good gloss appearance. PLA is made from renewable resources.

Basis Weight 63 g/m<sup>2</sup> ISO 536

Caliper 50 µm ISO 534

### Adhesive

S9500 is an acrylic based biodegradable and compostable adhesive.

### Liner

BG40 white, a supercalendered glassine paper.

Basis Weight 61 g/m<sup>2</sup> ISO 536

Caliper 54 µm ISO 534

### Laminate

Total Caliper 125 µm±10% ISO 534

### Performance data

Initial Tack 12.5 N/25mm FTM 9 Glass

Peel Adhesion 90° 7 N/25mm FTM 2 St.St.

Min. Application Temp. 5 °C

Service temperature -20°C to 80°C

### Adhesive Performance

The adhesive is characterized by a good initial tack and good adhesion on a wide variety of substrates.

### Applications and use

PLA can be used for all kind of applications, e.g. food (salads, cheese, yoghurt pots) and soft drinks.

Due to high stiffness of the film care should be taken with use of non-uniform surfaces and where a very high level of squeezability is desired. The PLA film also has a low water vapour barrier. Because of its nature care should be taken in wet conditions for long terms applications, preliminary tests are therefore recommended prior to use.

It is recommended the storage in its original wrapping away from any source of local heating or direct sunlight.

S9500 is ideal be used for all kinds of applications, but is specifically suited for those kinds of applications where the complete packaging should be biodegradable and where indirect or direct food contact with dry foodstuff is required (ie. fruits & vegetables labeling).

### Conversion & printing

The product offers very good die-cutting properties. PLA can be converted by flexographic and rotogravure printing processes. Nitrocellulose-based inks and water based inks are suitable. Please consult your printing ink supplier about suitable printing inks. To ensure optimum wettability and ink anchorage, additional in-line corona treatment is required. Because of the heat sensibility of the face stock the drying temperature needs to be reduced to the lowest possible temperature. Opposed to this, the air flow to dry the inks needs to be increased.

### Special Approvals

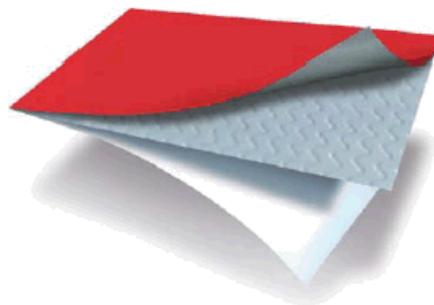
S9500 is compliant with the European food regulation 1935/2004/EC for direct food contact with dry, non-fatty foodstuff.

S9500 complies with DIN EN 13432 biodegradability and compostability regulation and is OK compost certified under the

## AV800

### Fasson®

#### PLA WHITE - S9500-BG40WH



PLA WHITE

S9500

BG40WH

*This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. Further testing is always recommended.*

*If you would like to make a suggestion or comment on this datasheet, please send an email to [datasheet.mgmt@eu.averydennison.com](mailto:datasheet.mgmt@eu.averydennison.com)*

tracking number S259.

**Shelf life**

Half a year under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

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**Warranty**

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