



# Vitel® 1922AF

## EXTRUDABLE COPOLYESTER ANTI-FOG COATING

### KEY FEATURES

- Extrudable, anti-fogging, heat seal coating
- Excellent seal strength to PET
- Formulated to have low blocking and good slip properties

### DESCRIPTION

Vitel 1922AF is a semi-crystalline, saturated copolyester resin formulated to be used as an extrudable heat seal coating for PET lid stock. The coated lid stock can be used in refrigerable applications and reduces fogging from moisture-containing food products. This product has excellent clarity and provides a smooth, yet strong peel from PET tray stocks, once sealed. Suitable application methods for this product are extrusion film coating or coextrusion.

### PACKAGING

Vitel 1922AF is packaged in bags, drums, and bulk packaging. Please contact your Bostik representative for other packaging options.

### SHELF LIFE

The shelf life of Vitel® 1922AF is approximately 90 days when kept in original, sealed containers at temperatures between 41 and 95°F (5 - 35°C). Shelf life can be extended with storage below 43°F (6°C).

### STORAGE & HANDLING

Like all synthetic resins, V1922AF can retain or develop static charge due to its handling. Precautions should be taken to avoid a static discharge. Use caution near flammable vapors.

Vitel 1922AF can slowly absorb moisture from the air, causing foaming and degradation upon melting. Care should be taken to minimize its exposure to air while in storage. Drying of V1922AF to less than 0.05% moisture prior to processing can significantly reduce the likelihood of moisture affecting resin performance.



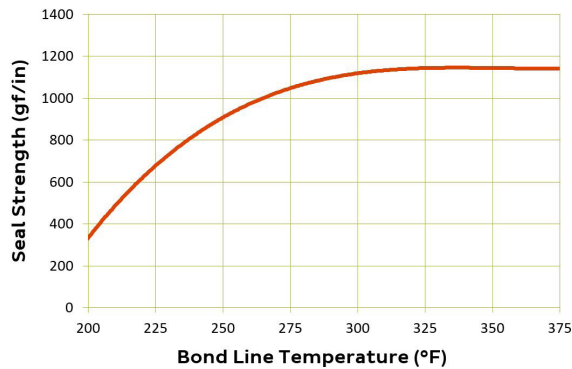
### TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	Off-white pellets
Viscosity	123,500 cPs @ 419°F (215°C)
Melt Flow Index (190°C, 2.16kg)	22 g/10 min

### TYPICAL SEAL STRENGTH (40 PSI, 1 SECOND)

92g PET film to APET	Seal Strength (gf/in)
Intrinsic Viscosity	0.80 dl/g
Glass Transition Temperature	18°F (-8 °C)
Softening Point (Ball & Ring)	293°F (145 °C)

**Typical Seal Strength to APET  
(2.7 lbs/ream, 40psi, 0.5 sec, 180° peel)**



### APPLICATION TECHNIQUES

When applying Vitel 1922AF via extrusion, cool the coating thoroughly before wind up to reduce blocking. Consider the following general extrusion conditions: Dry resin at 154°F (68°C) for 4-5 hours before use; run feed throat cooling; heat Zone 1 to 331°F (166°C); heat die to 399°F (204°C). These conditions may need to be adjusted since extrusion conditions depend heavily on the specific process and extruder screw design. Please contact your Bostik representative for more information on processing Vitel resins.

### DRYING

In order to avoid the retention of solvents, drying conditions must be adjusted based on substrate, application weight, and line speed.

### ACTIVATION TEMPERATURE

A minimum temperature of 200°F (93°C) should be used. The minimum activation temperature of Vitel 1922AF is 225°F (107°C) when sealing to APET, but a temperature of 300°F (149°C) is recommended.

### FOOD LEGISLATION

Vitel 1922AF complies with the positive lists of many internationally accepted guidelines for the production of articles intended to come into indirect contact with foodstuff. Please contact your Bostik representative with the specific application.

### HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

### LIMITED WARRANTY

Limited Warranty found at [www.bostik.com/us](http://www.bostik.com/us) or call 800-726-7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

### BOSTIK HOTLINE

**Smart help**  
**1-800-726-7845**

**Bostik, Inc.**  
11320 W Watertown Plank Road  
Wauwatosa, WI 53226  
[www.bostik.com/us](http://www.bostik.com/us)

