



# Vitel® 2475

## EXPERIMENTAL COPOLYESTER COATING RESIN

### KEY FEATURES

- Resistance to aggressive sterilization cycles
- Excellent resistance to chemicals and high alcohol content food products
- Formulated without BPA

### DESCRIPTION

Vitel® 2475 is a saturated, linear, high molecular weight copolyester resin designed for high performance coating applications. This experimental resin offers particular benefit to interior can coating formulations because of its excellent flexibility and durability when cross-linked. A high glass transition temperature contributes to the excellent chemical resistance of V2475 and provides resistance to aggressive canning sterilization cycles.

V2475 is formulated without BPA and can be used in applications requiring compliance with alcohol products greater than 8% ABV. When used as a modifier, this product can greatly improve coating durability, as well as heat and chemical resistance.

### SHELF LIFE

The shelf life of V2475 is approximately 365 days when stored in the original, sealed container at temperatures between 5 and 35°C (41 and 95°F).

### STORAGE & HANDLING

Like all synthetic resins, V2475 can retain or develop static charge due to its handling. Precautions against a static discharge should be taken particularly in areas where solvent vapors exist.

Otherwise, there are no special precautions necessary in handling this resin. Under typical ambient conditions, V2475 is an inert material.



INTERIOR CAN COATINGS

HIGH PERFORMANCE COATING MODIFIER

### TYPICAL PHYSICAL PROPERTIES

Description	Results
Color/Form	Amber Pellets or Granules
Solution Viscosity (30% in Aromatic 100/Cyclohexane)	1,020 cP
Specific Gravity	1.10
Hydroxyl Number (mgKOH/g)	5 - 15
Acid Number (mgKOH/g)	0.1 - 2.5
Glass Transition Temperature	77 °C
Melt Flow	> 200 °C
Intrinsic Viscosity	0.48 dl/g

### APPLICATION TECHNIQUES

Since V2475 is most frequently applied from solution, solvent selection is important. V2475 is soluble in blends of aromatic/polar solvents and some specialty solvents. Please contact your Bostik representative for more information on solubility parameters or general formulation guidance.

## FOOD LEGISLATION

V2475 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

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