



Data Sheet

Pub. No. 2008159A

Butvar® B-76

Butvar B-76 is a thermoplastic, polyvinyl butyral resin which offers a unique combination of properties for coating or adhesive applications. The use or addition of polyvinyl butyral to a system imparts adhesion, toughness, and flexibility. PVB retains the clarity of the coating and offers reactive hydroxyl sites for crosslinking with thermoset systems. The broad solubility range of Butvar B-76 allows it to be formulated into many applications including:

- BINDERS FOR INKS, TONERS, AND REPROGRAPHIC COATINGS
- COATINGS FOR WOOD, METAL OR PLASTIC SUBSTRATES
- CERAMIC AND METAL OXIDE BINDERS

Physical Properties

Specifications

Property	Limits	Test Method
Hydroxyl Content, % (Expressed as % Polyvinyl Alcohol)	11.5-13.5	IR - analysis WB-03-01-55
Solution Viscosity, cps (5% solids in ethanol @ 25°C)	18.0-28.0	Ostwald Viscometer WS-03-76-01
Volatile Content, %	5.0 max.	Thermogravimetric WS-03-76-03B

Useful Information

Form	White, free-flowing powder
Acetate Content, (% Polyvinyl Acetate)	2.5 max
Butyral Content, (% Polyvinyl Butyral)	88 (approximate)
Molecular Weight* (Mw)	90,000-120,000
Specific Gravity	1.083
Glass Transition Temperature (Tg), °C	62-72
* Size exclusion chromatography with low angle laser light scattering standard	



For Technical Service assistance, call 1-800-964-5224.
For Customer Order assistance, call toll-free 1-800-964-5224 or FAX 314-674-5147.
Additional information follows.

NOTICE: While the information contained herein is presented in good faith and believed to be correct as of the date hereof, Solutia Inc. does not guarantee satisfactory results from reliance upon such information, disclaims all liability for any loss or damage arising out of any use of this information or the products to which said information refers and **MAKES NO EXPRESS OR IMPLIED REPRESENTATION OR WARRANTY AS TO THE FITNESS, MERCHANTABILITY OR ANY OTHER MATTER WITH RESPECT TO THE INFORMATION OR PRODUCTS**, except as set forth in Solutia's standard conditions of sale. Nothing contained herein is to be construed as a recommendation to use any product or process in conflict with any patent, and Solutia Inc. makes no representation or warranty, express or implied, that the use thereof will not infringe any patent.

®Registered Trademark of Solutia Inc.