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Data Sheet

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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)	11.0-13.0	Titration WS-03-76-09B
Solution Viscosity, cps (5% solids in ethanol @ 25°C)	18.0-28.0	Ostwald Viscometer WS-03-76-01D
Volatile Content, %	5.0 max.	Thermogravimetric WS-03-76-03B

Useful Information

Form	White, free-flowing powder
Acetate Content, (% Polyvinyl Acetate)	1.5 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	



Butvar[®]
Polyvinyl Butyral Resin

For Technical Service assistance, call 413-730-3241 or FAX 413-730-3394.
For Customer Order assistance, call toll-free 1-800-964-5224 or FAX 314-674-5147.
Additional information follows.

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