

Data Sheet

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Butvar® B-98

Butvar B-98 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. Butvar B-98 is formulated into many applications including:

- COATINGS FOR WOOD, METAL OR PLASTIC SUBSTRATES
- BINDERS FOR CERAMICS AND STRUCTURAL COMPOSITES
- BINDERS FOR INKS AND TONERS

Physical Properties

Specifications

Property	Limits	Test Method
Hydroxyl Content, % (Expressed as % Polyvinyl Alcohol)	18.0-20.0	Titration WS-03-98-09B
Solution Viscosity, cps (6% solids in methanol @ 20°C)	6.0-9.0	Ostwald Viscometer WS-03-98-01C
Volatile Content, %	5.0 max.	Thermogravimetric WS-03-98-03B

Useful Information

Form	White, free-flowing powder
Acetate Content, (% Polyvinyl Acetate)	2.5 maximum
Butyral Content, (% Polyvinyl Butyral)	80 (approximate)
Molecular Weight* (Mw)	40,000-70,000
Specific Gravity	1.100
Glass Transition Temperature (Tg), °C	72-78
* Size exclusion chromatography with low angle laser light scattering standard	



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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