



Data Sheet

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Butvar® B-72

Butvar B-72 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-72 is formulated into many applications including:

- BINDERS AND STRUCTURAL ADHESIVES
- COATINGS FOR WOOD OR METAL SUBSTRATES
- STRUCTURAL COMPOSITES AND LAMINATES

Physical Properties

Specifications

Property	Limits	Test Method
Hydroxyl Content, % (Expressed as % Polyvinyl Alcohol)	17.5-20.0	IR - analysis WB-03-01-55
Solution Viscosity, cps (7.5% solids in methanol @ 20°C)	170-260	Ostwald Viscometer WB-03-01-01C
Volatile Content, %	3.5 maximum	Thermogravimetric WB-03-01-03C

Useful Information

Form	White, free-flowing powder
Acetate Content, (% Polyvinyl Acetate)	2.5 maximum
Butyral Content, (% Polyvinyl Butyral)	80 (approximate)
Molecular Weight* (Mw)	170,000-250,000
Specific Gravity	1.100
Glass Transition Temperature (T _g), °C	72-78
* 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.

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