

# Technical Data Sheet

## Butvar® B-72

### Product Description

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.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Hydroxyl Content <sup>b</sup>	17.5-20.0
Solution Viscosity 7.5% solids in anhydrous methanol @ 20°C	170-260 cps
Volatile Content	3.5 % max
Form	White, free-flowing powder
Acetate Content <sup>d</sup>	2.5 maximum
Butyryl Content <sup>c</sup>	80 (approximate)
Molecular Weight <sup>a</sup>	170,000-250,000
Specific Gravity @ 23°/23°C	1.100
Glass Transition Temperature (T <sub>g</sub> )	72-78 °C

<sup>a</sup>Size exclusion chromatography with low angle laser light scattering standard.

<sup>b</sup>% Polyvinyl Alcohol

<sup>c</sup>% Polyvinyl Butyral

<sup>d</sup>% Polyvinyl Acetate

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