

# Technical Data Sheet

## Butvar® B-76

### Product Description

Butvar® B-76 is a thermoplastic, polyvinyl butyral resin that 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.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Hydroxyl Content <sup>a</sup>	11.5-13.5
Solution Viscosity 5% solids in SD-29 ethyl alcohol @ 25°C	18.0-28.0 cps
Volatile Content	5.0 % max
Form	White, free-flowing powder
Acetate Content <sup>b</sup>	2.5 maximum
Butyryl Content <sup>c</sup>	88 (approximate)
Molecular Weight <sup>d</sup>	90,000-120,000
Specific Gravity @ 23°/23°C	1.083
Glass Transition Temperature (T <sub>g</sub> )	62-72 °C

<sup>a</sup>% Polyvinyl Alcohol

<sup>b</sup>% Polyvinyl Acetate

<sup>c</sup>% Polyvinyl Butyral

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

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