

Technical Data Sheet

Butvar® B-79

Product Description

Butvar® B-79 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-79 allows it to be formulated into many applications.

Typical Properties

Property	Typical Value, Units
General	
Hydroxyl Content ^a	11.0-13.5
Solution Viscosity 5% solids in SD-29 ethyl alcohol @ 25°C	9.0-16.0 cps
Volatile Content	5.0 % max
Form	White, free-flowing powder
Acetate Content ^b	2.5 maximum
Butyryl Content ^c	88 (approximate)
Molecular Weight ^d	50,000-80,000
Specific Gravity @ 23°/23°C	1.083
Glass Transition Temperature (T _g)	62-72 °C

^a% Polyvinyl Alcohol

^b% Polyvinyl Acetate

^c% Polyvinyl Butyral

^dSize exclusion chromatography with low angle laser light scattering standard.

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