

Pioloform® BL 16

Polyvinyl Butyral

Kuraray Co., Ltd.

Message:

Characteristics

Pioloform BL 16 belongs in general to the group of polyvinyl acetals. In more detail, it is a low viscous polyvinyl acetal, which is produced by reacting polyvinyl alcohol with butyraldehyde and acetaldehyde. The properties of Pioloform BL 16 are mainly determined by the presence of acetal, hydroxyl and acetate groups.

Recommended Uses

Binder for printing inks, pigment preparations, pigment chips; Binder for coatings (adhesion promotion/corrosion protection primers).

General Information			
Features	Good Flow		
	Low Viscosity		
Uses	Binder		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.15 to 0.30	g/cm ³	DIN EN 543
Solution Viscosity ¹	24 to 30	mPa · s	DIN 53015
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	84.0	°C	ISO 11357-2
Additional Information	Nominal Value	Unit	Test Method
Non-Volatile Content	> 97.5	wt%	DIN 53216
Polyvinyl Acetate Content ²	0.0 to 4.0	wt%	
Polyvinyl Alcohol Content ³	14.0 to 18.0	wt%	
NOTE			
1.	According to Hoeppler, 5% solution in Ethanol containing 5% water at 20°C		
2.	Acetyl groups in terms of polyvinyl acetate		
3.	Hydroxyl groups in terms of polyvinyl alcohol		

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