

# Makrovil PVA 2310

- ◆ Aqueous solution of a medium molecular polyvinyl alcohol

**Fields of Application: Adhesives, Architectural Coatings, Paper Finishing, Wood Finishing**

- ◆ Cobinder for paper coatings (i.e. for inkjet application)
- ◆ Cobinder for base coatings and fillers on fiberboard
- ◆ Cobinder for peel-off coatings, emulsion paints, adhesives...

**Characteristics:**

- ◆ excellent flow behaviour
- ◆ transparent film
- ◆ very good transfer
- ◆ excellent pigment binding power
- ◆ very high solvent resistance

<b>Appearance</b>	:	nearly transparent, colourless solution
<b>Solid Contents</b> * (DIN EN ISO 3251)	:	9.0 – 11.0 %
<b>Viscosity</b> * at 20°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=28.9 s <sup>-1</sup> )	:	500 - 800 mPa·s
<b>pH Value</b> (DIN ISO 976)	:	5.0 – 7.0
<b>Glass Temperature (DSC)</b> (DIN 51007)	:	appr. + 71°C
<b>Ionicity</b>	:	nonionic
<b>Freeze/Thaw Stability</b>	:	stable
2008-01-23		
* Specification value listed in our certificate of analysis		

**please turn**

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## Remarks:

Makrovil PVA 2310 is not compatible with various salts. For example alums, borates, sulfates or sodium carbonate react with polyvinyl alcohol by precipitating or gelling.

Using Makrovil PVA 2310 the open time of different water-based systems (i.e. adhesives) can be increased. Makrovil PVA 2310 may also be used to improve rheology, freeze/thaw stability, solvent resistance and stability of the systems.

Used in inkjet coatings Makrovil PVA 2310 provides a high ink absorbance and an excellent silica binding power.

The transfer and the solvent resistance of base coatings and fillers on fiberboard may be improved by using Makrovil PVA 2310.

Used in emulsion paints Makrovil PVA 2310 provides higher water retention value, better rheology, longer open time and better stability.

Makrovil PVA 2310 may increase the open time, the stability and the freeze/thaw stability of glues and adhesives.

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