Technical Leaflet

WorléeDex 1177

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Styrene-copolymer dispersion based on renewable raw materials.

Technical Data:

Non volatile content 1h/125 °C, DIN EN ISO 3251	40% ± 1
pH-value DIN ISO 976	3 - 5
Density 20 °C, DIN EN ISO 2811-1	approx. 1.06 g/cm³
Viscosity Brookfield, 20 °C, DIN EN ISO 2555	< 800 mPa·s
MFFT	28 °C
Minimum film forming temperature ISO 2115	
Freeze-/thaw stability	2 cycles
Delivery form	40% in water

Outstanding Characteristics:

Amine-/ammonia-free

Free from glycol ether

Very good alcohol stability

Very high gloss

Fast drying

Good re-solubility

Properties and Application:

W´Dex 1177 is a new patented copolymer which is produced on basis of renewable raw material (starch).
W´Dex 1177 has been developed for the formulation of aqueous printing inks and overprint varnishes. The right choice of raw materials gives the produced printing inks a sufficient water resistance and re-solubility during the printing process and after the stop of the roller.

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Due to its good compatibility with many resins and pigments W´Dex 1177 is also suitable as a combination partner for acrylic resins.

W´Dex 1177 is especially environmental friendly because of its renewable raw materials and it is free of amines/ammonia and ethylene glycol.

The storage stability in the originally closed barrel is at storage temperatures from + 5 to + 25 °C six months, counted from the day of the delivery ex works.

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