

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/cm ³
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.

W'Dex 1177

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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 twelve months, counted from the day of the delivery ex works.

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DE Patent-No.: 199 03 979.8