

MASTERWAX[®] SHEETFED

Chemical description:

Bio-based and powerful wax additive for sheetfed offset printing inks

Purpose:

- One wax additive for all offset inks
- Reduction of product changes
- Reduction of boiler cleaning
- Increased production capacity
- Reduction of mixing errors and outspec
- Customers might waive from powdering

Properties:

- Improved blocking resistance, slip and rub resistance compared to PE waxes and FT waxes
- Perfect lay down of the sheets without sticking
- Very good scratch resistance comparable to PTFE waxes
- Improved weather resistance (H₂O, UV, Ozone) compared to PE and FT wax
- Slightly dusting behaviour, free-flowing powder, very good dosing properties
- Significantly finer with 50% < 7 µm compared to conventional waxes

Technical data:

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Micronized powder
Colour: White

	Minimum	Maximum	Method
Particle size: (Typical value)		50 % < 7 µm	LV 5 (DIN ISO 13320)
Drop point (wax):	110 °C	120 °C (DGF M-III 3)	LV 12
Density (23 °C) (wax):	0.94 g/cm ³	0.95 g/cm ³	LV 3 (DIN EN ISO 1183)

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Oil-based disersion
Colour: White opaque
Solvent: Linseed oil

	34.0 %	36.0 %	LV 6
Solid content:			

Benefits:

- Reduction of raw material costs
- Avoid of dosing and weighing errors
- Reduction in the cost of purchasing
- Reduction in the cost of logistics
- Reduction in the cost of production
- More independence from monopolistic suppliers
- Reduction of storage costs

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