

DEUREX® F 6312 O

TECHNICAL INFORMATION

Chemical description: Oil-based dispersion based on micronized PTFE coated wax DEUREX® F 6314 M

Application: Oil-based Printing inks

- Offset printing inks (Sheetfed, Web offset, Heatset, Coldset)

Oil-based Wood Protection

Hot foil stamping

Properties: - Excellent abrasion and scratch resistance

- Improved chemical, weather and heat resistance

- Good anti-blocking and slip properties

- Improved transparency and good overprintability

Solvent: Linseed oil

Technical data: Colour: White opaque

Form of delivery: Liquid

Packaging: Drum 190 kg, hobbock 25 kg

	Minimum	Maximum	Method
Particle size: Typical value:		98 % < 12 μm 50 % ~ 6 μm	LV 09
Drop point (wax):	110 °C	120 °C	LV 12 (DGF M-III 3)
Melting point (PTFE):	320 °C	340 °C	LV 5 (ASTM D4591)
Solid content*:	34.0 %	36.0 %	LV 6

^{*} part of certificate of analysis

Processing: - Stir well before usage

- Consume quickly after opening

Storage, shelf life: - Store at temperatures between +5 °C and +35 °C

- Shelf life 6 month in closed original container, avoid frost

Alternative variants: We also make this product with your own oil and any other solid concentration

Alternative delivery forms: DEUREX® F 6408 W – Water-based dispersion, 98% < 8 µm

DEUREX® F 6314 M - Micronized powder, 98 % < 14 µm

Alternative products: DEUREX® E 0912 O – PE wax oil-based dispersion, 98% < 22 µm

DEUREX® T 3912 O – FT wax oil-based dispersion, $98\% < 12~\mu m$ DEUREX® F 6012 O – PTFE oil-based dispersion, $98\% < 12~\mu m$

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.

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Revision: