

MASTERWAX® 1.0

TECHNICAL INFORMATION

Chemical description: Hybrid consisting of micronized minerals, crystalline polymers and waxes
Micronized compound, floatable in water

Production process: Covered with wax steam and saturated

Speciality: The density of "MASTERWAX® 1.0" is adjustable, according to demand

Benefits:

- "MASTERWAX® 1.0" floats in water, oils and monomers
- NO emulsifiers, NO stabilizers, NO defoamer

Target: **Production of emulsifier-free and therefore foam-free dispersions**

Applications:

- Paints & coatings
- Care products
- Auxiliaries for leather, textile and paper production
- Technical applications

Properties:

- SILICA – high matting effect
- PTFE Wax – outstanding scratch resistance and hardness
- FT-Wax – perfect scratch resistance

Technical data:

Colour: White
Delivery form: Micronized powder

	Minimum	Maximum	Method
Particle size*:		50% < 5 µm	LV 5
Typical value:		98% ~ 25 µm	(DIN ISO 13320)
Density (23 °C)		~ 1,00 g/cm³	LV 3
Typical value:			(DIN EN ISO 1183)
Shelf life:		12 month	
(In closed, original containers in compliance with storage conditions)			

* Part of certificate of analysis

Mixture:	DEUREX®	TP 572	TP 573	TP 604
	SILICA (DEUREX® S 3012 M)	50%	75%	50%
	PTFE-Wax (DEUREX® F 6314 M)			50%
	FT-Wax (DEUREX® T 3920 M)	50%	25%	

Appliance: Simply disperse in water

Dosage: Up to 20% solid material: liquid, simple dosable body
20 – 25% solid material: spreadable paste