

## 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
- PE-Wax – excellent abrasion
- FT-Wax – perfect scratch resistance

**Technical data:**

Colour: White  
Delivery form: Micronized powder

	Minimum	Maximum	Method
Particle size*:		98% < 25 µm	LV 5
Typical value:		50% ~ 5 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 522	TP 572	TP 573	TP 604
SILICA (DEUREX® S 3012 M)		50%	50%	75%	50%
PTFE-Wax (DEUREX® F 6314 M)					50%
PE-Wax (DEUREX® E 0920 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