

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

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

50%

25%

* Part of certificate of analysis

 Mixture:
 DEUREX®
 TP 572
 TP 573
 TP 604

 SILICA (DEUREX® S 3012 M) PTFE-Wax (DEUREX® F 6314 M)
 50%
 75%
 50%

FT-Wax (DEUREX® T 3920 M)

Appliance: Simply disperse in water

Dosage: Up to 20% solid material: liquid, simple dosable body

20 – 25% solid material: spreadable paste

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