

DEUREX®

THE WAX COMPANY

DEUREX AG

Dr.-Bergius-Straße 8-12

D-06729 Elsteraue

phone +49 (0) 34 41 - 8 29 29 29

fax +49 (0) 34 41 - 8 29 29 28

www.deurex.com

info@deurex.com

MASTERWAX® 1.0

MASTERWAX®

A brand of **DEUREX®**

STANDARD ISSUE



TYPICAL BEHAVIOR OF SILICA AND WAXES IN WATER

MICRONIZED WAX

DEUREX[®] E 0920 M

Density: 0.95 g/cm³ without emulsifier

Particle size: 8 µm (D50)

WATER

Density: 1.0 g/cm³

MICRONIZED SILICA

DEUREX[®] S 3012 M

Density: 2.65 g/cm³ without emulsifier

Particle size: 5 µm (D50)

SOLUTION



BEHAVIOR OF MASTERWAX[®] 1.0 IN WATER

MASTERWAX[®] 1.0

BENEFITS:

- Density: ~ 1.0 g/cm³ without emulsifier
- Particle size: 5-7 µm (D50)
- Product floats in water, oils and monomers
- No emulsifiers, no stabilizers, no defoamer

- **SILICA:** high matting
- **PFTE wax:** outstanding scratch resistance and hardness
- **PE wax:** excellent abrasion
- **FT wax:** high scratch resistance

RESULT: Production of emulsifier free and foam free dispersions.