borchers

Octa-Soligen® Zinc 12

Zinc drier for solvent-based systems

Physical Characteristics

Appearance	Clear, low-viscous, colorless to yellowish liquid
Metal content	Zn: 11.70 – 12.30 % ISO 4619
Non-volatile content	47.00 – 55.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	Max. 120 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.940 – 0.980 g/cm³ DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

Features

- Secondary drier used in combination with primary driers (manganese or vanadium compounds)
- Improves through-drying and film hardness
- Prevents wrinkling and orange peel on paint film surface
- Slightly increases dry time
- Improves pigment wetting and dispersion
- Increases gloss and color-fastness
- Reduces grind time when added to formulation at early stage
- Can be used in large amounts without discoloring film

Applications

- Solvent-based systems based on alkyds and epoxy esters that dry by oxidation

Dosage

The addition rate of zinc, calculated on the metal content per solid binder, is approx. 0.03 - 0.50 %. The exact amount required depends on the binder and used formulation and should always be determined in preliminary trials. Octa-Soligen® Zinc can be introduced during the grinding step to improve pigment wetting.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product.

Safety

Please refer to our safety data sheet for information relating to product safety.

811 Sharon Drive / Westlake, OH 44145 / Telephone: +1 800-321-9696 / 440-899-2950 / Fax: +1 440-808-7114 / Internet: www.borchers.com / E-Mail: info.us@borchers.com

Edition: 08/2019