

Borchers® Deca Zirconium 8 aqua

Zirconium drier in water-based systems

Physical Characteristics

Appearance	Clear, colorless to yellowish liquid
Metal content	Zr: 7.80 - 8.20 % ISO 4619
Non-volatile content	NA
Viscosity	Max. 150 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.970 - 1.020 g/cm ³ DIN 51757 (20 °C)
Solvent	Paraffinic mineral oil

Features

- Widely used secondary drier with cobalt, manganese, Borchers® OXY-Coat 1101 and calcium
- Based on metal salts of neodecanoic acids
- Promotes through-drying primarily by the formation of coordination bonds
- Better properties in terms of color, yellowing and stability compared to other secondary driers

Applications

- Water-based systems

Dosage

In our experience, the percentage addition of zirconium, calculated on the metal content per solid binder, is approx. 0.05 - 0.30 %. The exact amount required depends on the resin used and should always be determined in preliminary trials.

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.

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