

Borchers® Deca Zirconium 10

Zirconium drier in solvent-based systems

Physical Characteristics

Appearance	Clear, colorless to slightly yellowish liquid
Metal content	Zr: 9.80 - 10.20 % ISO 4619
Non-volatile content	35.00 - 43.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	Max. 50 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.950 - 0.990 g/cm ³ DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

Features

- Widely used secondary drier with cobalt, manganese, Borchers® OXY-Coat, Borchers® OXY-Coat 1310 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

- Solvent-based systems

Dosage

The typical usage level is 0.05 - 0.30% zirconium metal, based on resin solids. The exact amount required depends on the binder 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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