

Borchers® Deca Zirconium 15

Zirconium drier in solvent-based systems

Physical Characteristics

Appearance	Clear to slightly hazy, high-viscous, colorless to dark yellow liquid
Metal content	Zr: 14.70 - 15.30 % ISO 4619
Non-volatile content	60.00 - 70.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	Max. 1000 mPa.s
Specific gravity	NA
Density	1.080 - 1.120 g/cm ³ DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

Features

- Secondary drier mainly used with primary driers such as Borchers® OXY - Coat, Borchers® Deca Cobalt or Borchers® Deca Manganese
- 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 binder solids. The exact amount depends upon the formulation 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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