

Borchers® Deca 69

Lead-free combination drier for solvent-based paint systems

Physical Characteristics

Appearance	Clear, violet liquid
Metal content	Co: 5.20 - 5.60 % Zr: 7.90 - 8.30 % Total: 13.10 - 13.90 % DN 55901
Non-volatile content	51.00 - 64.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	Max. 2000 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	1.050 - 1.090 g/cm ³ ISO 2811-1
Solvent	White-spirit containing <1 % aromatics

Features

- The balanced ratio of the metals cobalt and zirconium in Borchers® Deca 69 yields optimum results in respect of initial- and through-drying
- Readily meterable
- Cloudiness and precipitation do not occur

Applications

- Binder systems that dry by oxidation, including:
 - o White and light-colored paints

Dosage

Experiments have shown that the necessary amount of Borchers® Deca 69 should be between 0.25 and 1.00 % relative to the solid resin, depending on the binder and the pigment system. This is equivalent to a cobalt content of 0.015 to 0.060 %. When using pigments which retard the drying process such as carbon black or toluidine red, a higher addition rate or special stabilization may be necessary. Suitable stabilizers are Borchers® Deca Barium 12.5 and in particular Octa-Soligen® Calcium 10, basic which, in conjunction with cobalt and zirconium, further accelerates the drying process and provides long-term drier stability.

Storage

Protect from the effects of weathering and store at temperatures below 50 °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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