

Borchers® Deca 141 Z

Combination drier with low cobalt content particularly suited to light-colored paints and varnishes

Physical Characteristics

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|----------------------|---|
| Appearance | Clear, violet liquid |
| Metal content | Ca: 1.25 - 1.45 % Co: 1.25 - 1.45 % Zn: 0.70 - 0.80 % Zr: 9.45 - 10.00 % DIN 55901 Total: 12.65 - 13.70 % (calculated) |
| Non-volatile content | 66.00 - 80.00 % ISO 3251 (2g, 3h, 105 °C) |
| Viscosity | Max. 1500 mPa·s ISO 3219 (A) (20 °C) |
| Specific gravity | NA |
| Density | 1.050 - 1.090 g/cm ³ DIN 51757 (20 °C) |
| Solvent | White-spirit containing <1 % |

Features

- Multi-metal drier that provides high reactivity
- Low dosage of cobalt allows for progressive surface drying of the paint film
- Homogeneous and even drying

Applications

- Formulations based on medium- and long-oil resins

Dosage

- Medium oil resins (40 - 55 %)

We recommend, for this kind of formulation, the introduction of 2 - 4 % of Borchers® Deca 141 Z on resin solids.

- Long-oil resins (55 - 75 %)

We recommend the introduction of 4 - 6 % of Borchers® Deca 141 Z on resin solids.

If there are strong proportions of drier-adsorbing pigments (due to their high specific surfaces) and/or resins with an oil-length superior to 70 % in this kind of formulation, it may become necessary to add Octa-Soligen® Calcium 10, basic. In this case the recommended dosage of Octa-Soligen® Calcium 10, basic is about 50% related to the dosage of Borchers® Deca 141 Z.

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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PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.