

Borchers® Deca Manganese 8 HS

Manganese drier in VOC-reduced and High-Solid coatings

Physical Characteristics

Appearance	Clear, middle-viscous, brown-red liquid
Metal content	Mn: 7.80 – 8.20 % ISO 4619
Non-volatile content	NA
Viscosity	Max. 1500 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.980 – 1.020 g/cm ³ DIN 51757 (20 °C)
Solvent	Fatty acid ester

Features

- Highly effective oxidative drier
- Promotes surface- and through-drying properties
- Usually used in combination with other primary driers such as Borchers® OXY - Coat or Borchers® Deca Cobalt
- High atmospheric humidity severely inhibits the effect of manganese

Applications

- Conventional architectural paints
- Wood coatings
- Printing Inks
- Industrial coatings based on resins that dry by oxidation

Dosage

The typical usage level is 0.01 - 0.05 % manganese 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.