Data Sheet Issue 11/2016

# **HORDAMER PE 35**

Modified primary polyethylene dispersion for improving the surface characteristics of aqueous printing inks and overprint varnishes.

# **Product Data**

### Composition

Modified primary polyethylene dispersion with anionic and non-ionic emulsifiers

# **Typical Properties**

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 0.98 g/ml Non-volatile matter (1 h, 125 °C): 37.5 % Carrier: Water Melting point (wax content): 125 °C Viscosity:  $\approx 25 \text{ mPa-s}$ 

pH value (20 °C): 9.5

# **Food Contact Legal Status**

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

# **Storage and Transportation**

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Mix well before use.

# **Applications**

# **Printing Inks and Overprint Varnishes**

# **Special Features and Benefits**

HORDAMER PE 35 is recommended for aqueous printing inks and overprint varnishes, for improving the scratch resistance, abrasion resistance, and surface slip.

### **Recommended Levels**

4-13 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

### **Incorporation and Processing Instructions**

The additive is preferably incorporated at the end of the production process with a low shear rate. The product must be stirred thoroughly before use.

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