

SETAPRINT™ 1800 C

SETAPRINT™ 1800 C is a high structured phenolic modified rosin ester and exhibits medium solubility combined with medium to high viscosity in mineral distillates. The viscosity of SETAPRINT™ 1800 C in linseed oil is medium to high.

The high molecular weight of SETAPRINT™ 1800 C makes it very suitable for combinations with other resins (e.g. high soluble, low viscous), thus providing much formulation freedom.

Application

Offset ink, Gel and let down varnishes, Web Offset ink, Heatset and Coldset ink, Sheetfed ink

- ▲ Very fast setting
- ▲ Low misting
- ▲ Low tack
- ▲ Less gelling
- ▲ For high speed presses
- ▲ Very good water balance properties
- ▲ High gloss

Typical properties

Property	Value	Unit	Test Method
Viscosity (35% in Test Oil 6/9AR)	30	Pa.s	Physica(23° C,CP-50), NPQC-031
Cloud point (10% in Test oil 6/9)	160	° C	NPQC-032

Updated March 10, 2025 by XH

Packaging

SETAPRINT™ 1800 C is shipped in 500kg and 25 kg bags.

Shelf life and storage conditions

Shelf life from date of production is typically 6 months. The resin should be stored at temperatures below 30°C. If the resin is stored wrongly or for a longer period of time, an increase in viscosity and cloud point is possible.

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