

SETAPRINT™ P2042

SETAPRINT™ P2042 is a gum rosin based resin, esterified with Pentaerythritol and modified with an Alkylphenol, structured and excellent solubility resin.

SETAPRINT™ P2042 has excellent tack to viscosity ratios allowing the formulator to decrease the tack of his ink while maintaining structure. This resin is very compatible with most lithographic systems.

Application

Heatset offset inks and sheetfed offset inks.

- ▲ Good compatibility in aliphatic solvent
- ▲ Good gloss
- ▲ Excellent leveling properties

Typical properties

Property	Value	Unit	Test Method
Viscosity (35% in Test Oil 6/9)	420	dPa.s	Physica 23°C, at 25 sec-1. Cone & Plate Method.
p-Ostwald	0.76	---	Physica 23°C, at 25 sec-1. Cone & Plate Method.
Cloudpoint (10% in Test Oil 6/9 AFN)	125	°C	Eurocommit
Sustainability			
Bio-Renewable Content	63	%	Mass ratio

Updated February 19, 2025 by MA

Packaging

SETAPRINT™ P2042 can be available as flakes in 25kg bags and 500kg 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 cloudpoint is possible.

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