

CINERGI™ 4170 E

Special varnish

IMPORTANT CHARACTERISTICS:

Cinergi™ 4170 E is a 100 % non-volatile varnish based on phenolic modified rosin based resin, a rosin ester, vegetable oil and tung oil.

Cinergi™ 4170 E is used in offset inks, over print varnishes, 100 % NV inks and packaging inks (cardboard).

Cinergi™ 4170 E forms tough, hard films and gives very good rub resistance and scuff resistance.

Cinergi™ 4170 E exhibits alkali- and grease- and detergent-resistance.

APPLICATIONS:

- Offset inks
- Sheetfed inks
- Packaging inks
- Over print varnishes
- 100 % NV inks
- Mainly used as additive varnish

BENEFITS:

- Tough hard film
- Rub resistance
- Scuff resistance
- Alkali and detergent resistance
- Grease resistance

Typical Properties

| Property | Value | Unit | Test Method / Standard |
|-----------------|--------------|-------------|--|
| Viscosity | 135 | Pa.s | Viscosity at 23°C at 25 sec ⁻¹ LIMV2 |
| p-Ostwald | 0,95 | | p-Ostwald at 23°C between 2,5 and 2 5 sec ⁻¹ LIMV2 |
| Tack | 300 | | 1 min at 100 mpm LIMV4 |

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