

CARBONATE SOLUTIONS FOR INK



Offset

Heatset

Coldset

Sheetfed

UV

Dry Offset

Flexo

Water based

Solvent based

UV

Gravure

Water based

Solvent based

UV

Other

Screen

Pad

Others

ImerPrint



GCC

D50 from
0,4 to 10 µm

- > Coarse
- > Fine
- > Ultrafine

PCC

D50 from
0,04 to 0,4 µm

- > Fine
- > Ultrafine

BLENDS

- > Dry
- > Slurry

INK REQUIREMENTS

Imerys leads the field in the development of minerals for the ink industry and develops unique solutions for **offset lithography**, **flexography**, and **rotogravure** along with other ink applications.



KEY BENEFITS

- Rheology control & viscosity optimisation (reducing ink misting)
- Good dispersion into ink varnishes
- Controlled water uptake and release
- Low wash-out into the fountain solution
- Depending on desired application, brings opacity or transparency to the ink
- Pigment & resin extension whilst maintaining gloss, colour strength, and opacity (cost optimization)



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