



Suitable application for primers, inks and OPVs based on Joncryl® DPS products

Water-based technology for Digital Printing Solutions

Resins for a wide range of digital primers, inks and OPVs for absorbent and non-absorbent substrates.

Performance

- Excellent jettability
- Increased color density
- Good compatibility with different pigment concentrates
- High salt compatibility
- Applicable on many substrates
- Excellent lamination bond strength

Sustainability

- Water-based technology
- Swiss list compliance
- Reduced emissions throughout the life cycle
- Reduced carbon footprint
- Improved worker's health and safety
- Free from VOC

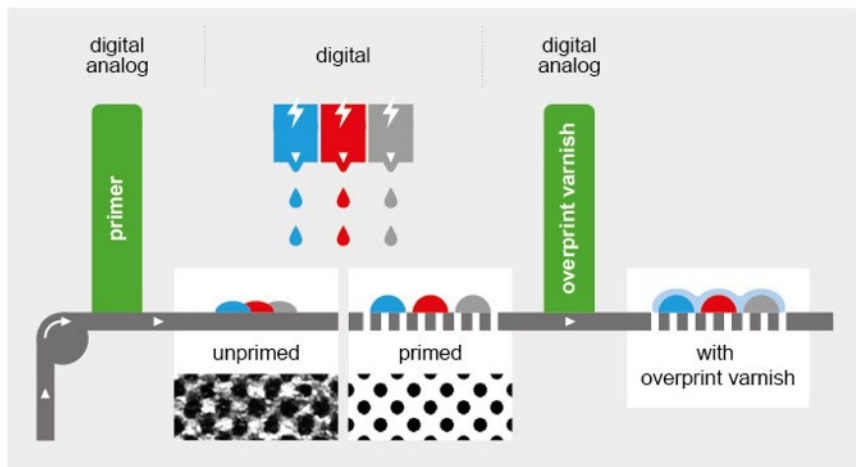
 **BASF**
We create chemistry

Joncryl® DPS product line

Binders for water-based digital primers, inks and OPVs

The Joncryl DPS range is developed to produce primers, inks and OPVs which are digitally applied. Several properties are important for these types of products like particle size distribution, viscosity stability and salt compatibility. With this range of resins, you will be able to formulate a wide range of high quality products for absorbent and non-absorbent substrates.

Water-based digital printing



customized printed
corrugated board boxes



customized printed
luxury vinyl tiles



	Products*	Description	Application/Properties
Primer	Joncryl DPS 3611	Acrylic emulsion for digital primer for absorbing substrates	<ul style="list-style-type: none"> • Low dot gain behavior • Increased color density • Improved sharpness
Ink & Overprint Varnish	Joncryl DPS 3771	Medium Tg emulsion for digital ink and OPVs for all substrates	<ul style="list-style-type: none"> • High alkali resistance • Good printability • Excellent viscosity stability
	Joncryl DPS 3772	Low Tg emulsion for digital ink and OPVs for all substrates	<ul style="list-style-type: none"> • Good water resistance • Good printability • Excellent viscosity stability
	Joncryl DPS 3774	Resin solution for digital ink and OPVs for absorbing substrates	<ul style="list-style-type: none"> • Excellent printability • Good color strength development • Good resolubility
	Joncryl DPS 3775	High Tg emulsion for digital ink and OPVs, also suitable for pre-print corrugated board	<ul style="list-style-type: none"> • Excellent printability • High gloss • Good hot-scuff resistance • Good water resistance
	Joncryl DPS 3791	Polyurethane dispersion for all substrates	<ul style="list-style-type: none"> • Specifically for continuous inkjet • High salt compatibility • Excellent lamination properties
Pigment grinding	Joncryl HPD range	Premium performance dispersion resin solutions for high concentrated pigment dispersions to be used in water-based inks	<ul style="list-style-type: none"> • Very high concentrated dispersions • Superior color development/pigment savings • Excellent shock stability with letdown • Decreased grinding time compared to standard dispersing agents

Contacts

Europe, Africa, West Asia
Netherlands
Phone: +31 513 619-619
resins@basf.com

Asia
China
Phone: +852 2731-0111
dispersions-pigments-asia@basf.com

North America
USA
Phone: +1 800 231-7868
dpsolutions@basf.com

South America
Brazil
Phone: +55 11 2039-2300
packaging-sa@basf.com

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