

Biolocity HT

Biolocity is an innovation in environmentally responsible sheetfed ink technology that delivers superb lithographic performance and print quality with extremely low levels of volatile organic compounds (VOCs). **Biolocity** sets a new industry benchmark for green formulation technology using high percentages of bio-derived, renewable materials and is environmentally responsible technology for printers looking to operate a greener pressroom.

Biolocity provides fast setting and drying performance allowing reduced times to bindery while the press-stable formulation minimizes make-ready time and color shift during the run. **Biolocity** delivers rub resistance and durability on a broad range of substrates and is suitable for UV coating (off-line), aqueous and lamination, while conforming to the ISO 2846-1 color specification, allowing the printer to run to ISO 12647-2 and G7 in the pressroom.

Biolocity's extremely low VOC content is formulated with 23% or more vegetable oils, does not contain petroleum-derived ink solvents and contains a minimum of 60% bio-derived, renewable and sustainable materials.

Biolocity HT (High Tack)

Gloss/Coated	Matte/Dull Coated	Uncoated Offset	Board	Print Sharpness	Rheology Body	Work & Turn	Stay Open	Rub Resistance	High Gloss	UV/AQ Coatable*	Stampable*
●●	●●	●	●	●●●	Heavy	●●	Ink Duct/Roller	●●	●●●	●●●	●●●
Ink Numbers			Specs			VOC		Legend			
AE-2138	HT Process Black								● Suitable		
MBE-9140	HT Process Cyan			Tack*		Less than 3%		●● Recommended			
DRE-1922	HT Process Magenta			15.0 - 16.0		by		●●● Highly Recommended			
YC-4225	HT Process Yellow			Viscosity**		EPA Method 24					
AE-2698	HT Dense Black			425 - 500							

*Using an electronic inkometer @ 800 RPM **Reading taken on a AR Viscometer

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Biolocity LT

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Biolocity LT (Low Tack)

Gloss/Coated	Matte/Dull Coated	Uncoated Offset	Board	Print Sharpness	Rheology Body	Work & Turn	Stay Open	Rub Resistance	High Gloss	UV/AQ Coatable*	Stampable*
●●●	●●●	●●●	●●●	●●	Soft	●●	Ink Duct/Roller	●●	●●	●●●	●●●
Ink Numbers			Specs			VOC		Legend			
AE-2143	LT Process Black					Less than 3% by EPA Method 24		<ul style="list-style-type: none"> ● Suitable ●● Recommended ●●● Highly Recommended 			
MBE-9147	LT Process Cyan										
DRE-1931	LT Process Magenta										
YC-4239	LT Process Yellow										
AE-2164	LT Dense Black										
				Tack*	11.5 - 13.5						
				Viscosity**	250 - 350						

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Biolocity MT

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Biolocity MT (Medium Tack)

Gloss/Coated	Matte/Dull Coated	Uncoated Offset	Board	Print Sharpness	Rheology Body	Work & Turn	Stay Open	Rub Resistance	High Gloss	UV/AQ Coatable*	Stampable*
●●	●●	●●	●●	●●●	Medium	●●	Ink Duct/Roller	●●	●●●	●●●	●●●
Ink Numbers			Specs			VOC		Legend			
AE-2118	MT Process Black			Tack*		Less than 3%		● Suitable ●● Recommended ●●● Highly Recommended			
MBE-9117	MT Process Cyan			14.0 - 16.0		by					
DRE-1900	MT Process Magenta			Viscosity**		EPA Method 24					
YC-4197	MT Process Yellow			350 - 475							
AE-2163	MT Dense Black										

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Biolocity XLT

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Biolocity XLT (Extra Low Tack)

Gloss/Coated	Matte/Dull Coated	Uncoated Offset	Board	Print Sharpness	Rheology Body	Work & Turn	Stay Open	Rub Resistance	High Gloss	UV/AQ Coatable*	Stampable*
●●●	●●●	●●●	●●●	●	Soft	●●	Ink Duct/Roller	●●	●●	●●●	●●●
Ink Numbers			Specs			VOC		Legend			
AE-2418	XLT Process Black					Less than 3% by EPA Method 24		<ul style="list-style-type: none"> ● Suitable ●● Recommended ●●● Highly Recommended 			
MBE-9364	XLT Process Cyan										
DRE-2180	XLT Process Magenta										
YC-4442	XLT Process Yellow										
AE-2697	XLT Dense Black										
				Tack*	10.0 - 12.0						
				Viscosity**	200 - 250						

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