

Performance data

Reactive inkjet inks for textile printing

		Black TX120 TX131	Cyan TX122 TX132	Magenta TX122 TX132	Yellow TX122 TX132	Blue TX120 TX130	Orange TX122 TX132	Red TX120 TX130	Gray TX120 TX130	
Cotton	Colour values	L*	24.0	57.3	49.5	90.1	51.1	67.9	44.7	49.4
		a*	-1.1	-39.1	69.2	-9.0	-0.4	51.6	62.2	-2.4
		b*	-3.5	-35.2	4.1	68.9	-38.0	64.4	13.9	-7.4
	Light fastness properties (ISO 105-B02) (grade 3,4)		3-4	3-4	3-4	4	4	4	3-4	<3
	Water (ISO 105-E01)		5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	Washing 95°C E15 (ISO 105-C06)		4-5	3	4-5	4-5	4	4-5	4-5	4
	Perspiration acid (ISO 105-E04)		4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	Perspiration alkaline (ISO 105-E04)		5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	Crock method (ISO 105-X12)	Dry	5	4-5	4-5	4-5	4-5	4-5	4-5	5
		Wet	4-5	3	3-4	4-5	4-5	4-5	4	5
Colour fastness to rubbing (ISO105-X12)		4-5	4-5	4-5	4-5	4-5	4-5	4-5	5	
Silk	Colour values	L*	24.7	52.7	48.9	88.2	44.6	69.5	46.8	49.8
		a*	-0.2	-41.6	69.4	-8.2	2.7	46.1	59.0	-1.3
		b*	-3.1	-33.2	2.5	75.8	-45.9	60.8	5.6	-5.8
	Water (ISO 105-E01)		4-5	4-5	5	5	4-5	5	4-5	4-5
	Washing 95°C, E15 (ISO 105-C06)		4-5	4	4-5	4-5	4	4-5	4	3-4
	Perspiration acid (ISO 105-E04)		4-5	4-5	5	5	4-5	5	4-5	4-5
Perspiration alkaline (ISO 105-E04)		4-5	4-5	5	5	4-5	5	4-5	4-5	

Optimal conditions (cotton / silk)

Print: Temperature: 20 - 25°C / 68 - 77°C, Humidity: 40 - 60%, Image: 100% duty solid black image

Fixation: Steam: 102°C / 216°F - 12 min

Washing off: Rinse 5 min with cold water, soak for 20 min at 90°C / 194°F with SYNTHRAPOL, rinse 5 min with cold water

