

Product Specifications

Product Name	Non Skin GP-1 Yellow
General Name	Offset Printing Ink
Distributor Name Address	Tokyo Printing Ink Corporation, U.S.A. 18710 S. Wilmington Avenue, Suite 101, Rancho Dominguez, CA, U.S.A. Phone: 310-604-0495 Fax: 310-605-0961
Manufacturer Name Address	Tokyo Printing Ink Manufacturing Company Limited 2-7-15 Tabata-Shinmachi, Kita-Ku, Tokyo, Japan Phone: 03-5692-7314 Fax: 03-5692-7341

Packing Style	Net Weight	2.27-kg
	Container	Metal Tin
Lot Number	○ ,1○ ,2○ ,3□ ,4□ ,5□ ,6, Indicating Order Number(○) and Manufacturing Number(□)	

Quality Standards			
Item	Standard Value	Dimension	Test Instrument and Method
Color	L* : 88.96 a* : -6.13 b* : +100.7 $\Delta E \leq 3.0$		Spectrophotometer (X-Rite 938), D50, 2deg.
Density	1.15±0.05		Densitometer (Screen DM-800)
Specific gravity	1.01±0.04	g/cc	Weight/Volume, at 25°C
Drying Time	7.5±1.5	hr	C-Type Drying Recorder, on Parchment Paper, at 25°C and 60% Humidity
Emulsification	35±10	%	Duke Tester, Maximum Emulsified Water, at 8-min.
Gloss	78.0±5.0		Gloss Meter (Nihon-Denshoku), at 60 Degree
Light Fastness	12	hr	Weatherometer (Suga-Shikenki), Withstanding Exposure hour
Tack	7.0±0.4		Inkometer (Swing Albert), 400rpm, 30°C, at 1-min.
Viscosity	260±30	poise	L-Type Viscometer (LaRay), at 25°C
Flow	38.0±1.0	mm	Spreadometer (Toyo-Seiki), Diameter, 25°C, at 1-min.

For Color, Density, Gloss, and Light Fastness, printed samples made by RI Tester are used.

Printed samples are made with art paper, two-cut roll, 0.125cc ink charge.

4/29/2005

Product Specifications

Product Name	Non Skin GP-1 Magenta
General Name	Offset Printing Ink
Distributor Name Address	Tokyo Printing Ink Corporation, U.S.A. 18710 S. Wilmington Avenue, Suite 101, Rancho Dominguez, CA, U.S.A. Phone: 310-604-0495 Fax: 310-605-0961
Manufacturer Name Address	Tokyo Printing Ink Manufacturing Company Limited 2-7-15 Tabata-Shinmachi, Kita-Ku, Tokyo, Japan Phone: 03-5692-7314 Fax: 03-5692-7341

Packing Style	Net Weight	2.27-kg
	Container	Metal Tin
Lot Number	○ ,1○ ,2○ ,3□ ,4□ ,5□ ,6, Indicating Order Number(○) and Manufacturing Number(□)	

Quality Standards			
Item	Standard Value	Dimension	Test Instrument and Method
Color	L* : 44.25 a* : +79.26 b* : +6.21 $\Delta E \leq 2.0$		Spectrophotometer (X-Rite 938), D50, 2deg.
Density	1.91±0.08		Densitometer (Screen DM-800)
Specific gravity	1.02±0.04	G/cc	Weight/Volume, at 25°C
Drying Time	7.0±1.5	hr	C-Type Drying Recorder, on Parchment Paper, at 25°C and 60% Humidity
Emulsification	55±10	%	Duke Tester, Maximum Emulsified Water, at 8-min.
Gloss	84.0±5.0		Gloss Meter (Nihon-Denshoku), at 60 Degree
Light Fastness	48	hr	Weatherometer (Suga-Shikenki), Withstanding Exposure hour
Tack	8.0±0.4		Inkometer (Swing Albert), 400rpm, 30°C, at 1-min.

Viscosity	350±40	poise	L-Type Viscometer (LaRay), at 25°C
Flow	38.5±1.0	mm	Spreadometer (Toyo-Seiki), Diameter, 25°C, at 1-min.

For Color, Density, Gloss, and Light Fastness, printed samples made by RI Tester are used.
Printed samples are made with art paper, two-cut roll, 0.125cc ink charge.

4/29/2005

Product Specifications

Product Name	Non Skin GP-1 Cyan
General Name	Offset Printing Ink
Distributor Name Address	Tokyo Printing Ink Corporation, U.S.A. 18710 S. Wilmington Avenue, Suite 101, Rancho Dominguez, CA, U.S.A. Phone: 310-604-0495 Fax: 310-605-0961
Manufacturer Name Address	Tokyo Printing Ink Manufacturing Company Limited 2-7-15 Tabata-Shinmachi, Kita-Ku, Tokyo, Japan Phone: 03-5692-7314 Fax: 03-5692-7341

Packing Style	Net Weight	2.27-kg
	Container	Metal Tin
Lot Number	○ ,1○ ,2○ ,3□ ,4□ ,5□ ,6, Indicating Order Number(○) and Manufacturing Number(□)	

Quality Standards			
Item	Standard Value	Dimension	Test Instrument and Method
Color	L* : 47.97 a* : -34.98 b* : -56.25 $\Delta E \leq 2.0$		Spectrophotometer (X-Rite 938), D50, 2deg.
Density	2.49±0.10		Densitometer (Screen DM-800)
Specific gravity	1.02±0.04	g/cc	Weight/Volume, at 25°C
Drying Time	8.5±1.5	hr	C-Type Drying Recorder, on Parchment Paper, at 25°C and 60% Humidity
Emulsification	35±10	%	Duke Tester, Maximum Emulsified Water, at 8-min.
Gloss	71.0±5.0		Gloss Meter (Nihon-Denshoku), at 60 Degree

Light Fastness	> 60	hr	Weatherometer (Suga-Shikenki), Withstanding Exposure hour
Tack	9.0±0.5		Inkometer (Swing Albert), 400rpm, 30°C, at 1-min.
Viscosity	350±40	poise	L-Type Viscometer (LaRay), at 25°C
Flow	37.5±1.0	mm	Spreadometer (Toyo-Seiki), Diameter, 25°C, at 1-min.

For Color, Density, Gloss, and Light Fastness, printed samples made by RI Tester are used.
Printed samples are made with art paper, two-cut roll, 0.125cc ink charge.

4/29/2005

Product Specifications

Product Name	Non Skin GP-1 Black
General Name	Offset Printing Ink
Distributor Name Address	Tokyo Printing Ink Corporation, U.S.A. 18710 S. Wilmington Avenue, Suite 101, Rancho Dominguez, CA, U.S.A. Phone: 310-604-0495 Fax: 310-605-0961
Manufacturer Name Address	Tokyo Printing Ink Manufacturing Company Limited 2-7-15 Tabata-Shinmachi, Kita-Ku, Tokyo, Japan Phone: 03-5692-7314 Fax: 03-5692-7341

Packing Style	Net Weight	2.27-kg
	Container	Metal Tin
Lot Number	○ ,1○ ,2○ ,3□ ,4□ ,5□ ,6, Indicating Order Number(○) and Manufacturing Number(□)	

Quality Standards			
Item	Standard Value	Dimension	Test Instrument and Method
Color	L* : 4.06 a* : +0.27 b* : -0.39 Δ E ≤ 1.0		Spectrophotometer (X-Rite 938), D50, 2deg.
Density	2.45±0.10		Densitometer (Screen DM-800)
Specific gravity	1.06±0.04	g/cc	Weight/Volume, at 25°C
Drying Time	6.5±1.5	hr	C-Type Drying Recorder, on Parchment Paper, at 25°C and 60% Humidity
Emulsification			Duke Tester,

	70±15	%	Maximum Emulsified Water, at 8-min.
Gloss	90.0±5.0		Gloss Meter (Nihon-Denshoku), at 60 Degree
Light Fastness	> 60	hr	Weatherometer (Suga-Shikenki), Withstanding Exposure hour
Tack	8.5±0.5		Inkometer (Swing Albert), 400rpm, 30°C, at 1-min.
Viscosity	300±30	poise	L-Type Viscometer (LaRay), at 25°C
Flow	37.0±1.0	mm	Spreadometer (Toyo-Seiki), Diameter, 25°C, at 1-min.

For Color, Density, Gloss, and Light Fastness, printed samples made by RI Tester are used.
Printed samples are made with art paper, two-cut roll, 0.125cc ink charge.