



Standard Measurement Data



Model	Q2612A				Temperature	26.7°C		
Test Date	5th Sep,2008				Humidity	48% RH		
Test printer	5th Sep,2008				Standard	ISO 19752		
Test paper	A4 80 g				Coverage	5%		
Densitometer	QEA , Environment Imitative Machine							
Component	OPC	TONER	MR	PCR	DB	WB	MR Bushing	Shell
Code	TO20	LG-08	SO41	Y002	TO10	TO10	0.29	H001
Page	0	500	1000	1500	2000			
Max black density	1.445	1.418	1.425	1.44	1.418			
Min black density	1.421	1.385	1.388	1.42	1.4			
Average black density	1.437	1.403	1.411	1.427	1.411			
Average black (reflection%)	2%	3%	3%	2%	2%			
Max backround	0.09	0.09	0.09	0.08	0.09			
Min backround	0.08	0.07	0.08	0.06	0.07			
Average background	0.085	0.084	0.086	0.088	0.086			
Print defects	N	N	N	N	N			
Start cartridge weight	697.5	684.5	672	659.5	645			
Finished cartridge weight	697	684	671	659	644			
E page standard weight		12.5	12	11.5	14			
			Cartridge weight		Hopper weight		Waste bin weight	
Start cartridge weight			697.5		381		316.5	
Finished cartridge weight			644		319.5		324.5	
Toner weight	E page consumption		Waste	Remain	Average toner cons		Transfer rate	
120	50		8	58.5	0.025		0.87	
Page yied	Average black density		Max	Min	Average background		Max	Min
	1.42		1.445	1.385	0.086		0.09	0.06


H/H Measurement Data



Model	Q2612A				Temperature	30%		
Test Date	5th Sep,2008				Humidity	80%RH		
Test printer	5th Sep,2008				Standard	ISO 19752		
Test paper	A4 80 g				Coverage	5%		
Densitometer	QEA , Environment Imitative Machine							
Component	OPC	TONER	MR	PCR	DB	WB	MR Bushing	Shell
Code	TO20	LG-08	SO41	Y002	TO10	TO10	0.29	H001
Page	0	500	1000	1500	2000	2500	3000	4000
Max black density	1.478	1.476	1.475	1.468	1.466			
Min black density	1.425	1.435	1.421	1.432	1.417			
Average black density	1.456	1.458	1.444	1.432	1.428			
Average black (reflection%)	2%	2%	3%	3%	3%			
Max backround	0.09	0.09	0.091	0.089	0.09			
Min backround	0.08	0.086	0.085	0.081	0.084			
Average background	0.085	0.088	0.088	0.085	0.087			
Print defects	N	N	N	N	N			
Start cartridge weight	706.5	688.2	671.8	651.3	632			
Finished cartridge weight	705.3	687	669.8	650.1	630.7			
E page standard weight		15.9	15.2	18.5	18.1			
			Cartridge weight		Hopper weight		Waste bin weight	
Start cartridge weight			706.5		380.3		324.9	
Finished cartridge weight			630.7		296.1		333.3	
Toner weight	E page consumption		Waste	Remain	Average toner cons		Transfer rate	
120	67.7		8.4	35.8	0.034		90%	
Page yied	Average black density		Max	Min	Average background		Max	Min
	1.45		1.46	1.43	0.086		0.088	0.083


L/L Measurement Data



Model	Q2612A				Temperature	10%		
Test Date	5th Sep,2008				Humidity	20%RH		
Test printer	5th Sep,2008				Standard	ISO 19752		
Test paper	A4 80 g				Coverage	5%		
Densitometer	QEA , Environment Imitative Machine							
Component	OPC	TONER	MR	PCR	DB	WB	MR Bushing	Shell
Code	TO20	LG-08	SO41	Y002	TO10	TO10	0.29	H001
Page	0	500	1000	1500	2000	2500	3000	4000
Max black density	1.452	1.467	1.431	1.419	1.408			
Min black density	1.416	1.422	1.398	1.388	1.379			
Average black density	1.434	1.454	1.416	1.398	1.386			
Average black (reflection%)	2%	3%	2%	2%	2%			
Max backround	0.087	0.092	0.091	0.09	0.089			
Min backround	0.085	0.088	0.087	0.086	0.085			
Average background	0.086	0.09	0.089	0.088	0.087			
Print defects	N	N	N	N	N			
Start cartridge weight	707.4	693.5	677.1	660.1	641.7			
Finished cartridge weight	707	693	676.7	659.4	641.4			
E page standard weight		13.1	15.9	16.6	17.7			
			Cartridge weight		Hopper weight			
Start cartridge weight			707.4		380.5		325.6	
Finished cartridge weight			641.4		306		334.1	
Toner weight	E page consumption		Waste	Remain	Average toner cons		Transfer rate	
120	63.3		8.5	45.5	0.032		88.60%	
Page yied	Average black density		Max	Min	Average background		Max	Min
	1.418		1.454	1.386	0.088		0.09	0.087

OEM Measurement Data



Model	Q2612A				Temperature	27.1°C		
Test Date	5th Sep,2008				Humidity	51%RH		
Test printer	5th Sep,2008				Standard	ISO 19752		
Test paper	A4 80 g				Coverage	5%		
Densitometer	QEA , Environment Imitative Machine							
Component	OPC	TONER	MR	PCR	DB	WB	MR Bushing	Shell
Code	OEM	OEM	OEM	OEM	OEM	OEM	OEM	OEM
Page	0	500	1000	1500	2000	2500	3000	4000
Max black density	1.435	1.432	1.436	1.431	1.432			
Min black density	1.425	1.42	1.427	1.423	1.422			
Average black density	1.43	1.426	1.43	1.427	1.426			
Average black (reflection%)	1%	1%	1%	1%	1%			
Max background	0.092	0.091	0.09	0.089	0.089			
Min background	0.088	0.086	0.086	0.086	0.086			
Average background	0.09	0.088	0.088	0.087	0.087			
Print defects	N	N	N	N	N			
Start cartridge weight	681	666.5	650.5	634	616.5			
Finished cartridge weight	680.5	666	649.5	633.5	616			
E page standard weight		14	15.5	15.5	17			
			Cartridge weight		Hopper weight		Waste bin weight	
Start cartridge weight			681		361.5		318	
Finished cartridge weight			616		284		330	
Toner weight	E page consumption		Waste	Remain	Average toner cons		Transfer rate	
105	62		12	28	0.031		84.42%	
Page yied	Average black density		Max	Min	Average background		Max	Min
	1.428		1.430	1.426	0.088		0.09	0.087

Test result (Compatible VS OEM)



	Test date			Judgment	OEM date	Comments
	N-N (26.7°C,48%RH)	H-H (30°C,80%RH)	L-L (10°C,20%RH)		N-N (27.1°C,51%RH)	
Toner weight	120g	120g	120g	PASS	110	More than OEM powder 10g
Page yied					Better than OEM	
Average toner cons	0.025g	0.034g	0.032g		0.031	Same as OEM
Average black density	1.42	1.45	1.42		1.43	Same as OEM
Average background	0.086	0.086	0.088		0.088	Same as OEM
Transfer rate	87%	90%	88.60%		84.40%	Better than OEM