

## Anex C-DIN33870-Mono/Color (附录C-DIN33870-单色/彩色)

制造商 (商标) Manufacturer (trade mark)		格之格 (G&G)	型号 Model	NT-PH410B BK		
测试参照标准 Test reference standard		ISO/IEC 19798 ISO/IEC 19752	碳粉颜色 Toner color(s)	Black	预期页产量 Intended yield	2300
打印机型号 Printer Model for Consumption		HP Color LaserJet M452	测试地点 test the venue	Zhuhai, China	测试环境 Test condition	常温 Normal
测试温度 Test	24°C	测试湿度 Test humidity	58%RH	测试时间 Test time	2020/4/8	
1.从现有的测试报告中获取数值, 签名者负责确保数值的合理正确性。 The value is obtained from the existing test report, and the signer is responsible for ensuring that the value is reasonable and correct.						
2.环境信息为产品检查所在地点。The environmental information is the location of the product inspection.						
试验样品 Test sample	型号 Model	批次/序列号 NO.	结果 (Yes/No)	备注 Remark		
1	NT-PH410B BK	Sample 1	Yes	对于A1, 我们使用MAX; 对于A2, 使用MEDIAN; 对于A3, 使用左侧列表的MIN值。 We use for A1 the MAX, for A2 the MEDIAN and for A3 the MIN value of the list at left.		
2	NT-PH410B BK	Sample 2	Yes			
3	NT-PH410B BK	Sample 3	Yes			
4	NT-PH410B BK	Sample 4	Yes			
5	NT-PH410B BK	Sample 5	Yes			
6	NT-PH410B BK	Sample 6	Yes			
7	NT-PH410B BK	Sample 7	Yes			
8	NT-PH410B BK	Sample 8	Yes			
9	NT-PH410B BK	Sample 9	Yes			
比较样品 (OEM) Comparative Sample (OEM)	型号 Model	批次/序列号 NO.	结果 (Yes/No)	备注 Remark		
1	CF410A	DEM Sample/Spec	Yes	来自OEM的OEM数据拥有ISO19752或ISO19798合格声明。 OEM data taken from OEMs own ISO19752 or ISO19798 declarations of yield.		
2	CF410A	DEM Sample/Spec	Yes			
3	CF410A	DEM Sample/Spec	Yes			
与健康相关的属性的行政检查 (5.2) Administrative checking of health related attributes (5.2)				如果不是: 请说明 If not: Description		
是否有使用过的墨粉的EG安全数据表? Is there an EG- Safety Data Sheet of the used toner?						Yes
如果在EG安全数据表中没有有关AMES测试的信息, 是否有关于用过的墨粉的AMES测试的测试报告? If there are no information of the AMES test in the EG Safety Data Sheet Is there a test report about the AMES test of the used toner?						Not applicable
墨粉模块对打印机的影响 (5.3) Checking the influence of the toner module on the printer (5.3)				如果不是: 请说明 If not: Description		
碳粉泄漏量是否少于原件? Is the toner leaking less than the original?						Yes
打印机和墨粉模块之间的相互作用是否可以接受? Is the interaction between printer and toner module acceptable?						Yes
检查初始化 (5.4) Checking the initialization (5.4)				如果不是: 请说明 If not: Description		
插入墨粉模块后, 打印输出是否可以接受? Is the print out acceptable right after the toner module has been inserted?						Yes
检查页产量 (5.5) Checking the yield number (5.5)	1	2	3	平均 (A或V) Average (A or V)	备注 Remark	
产量A: (A1 + A2 + A3) / 3 = A Yield A: (A1+A2+A3)/3= A	2497	2387	2311	2398	合格率A: ISO / IEC 19752以后的测试结果 A。 Yield A: Result of test after ISO/IEC 19752 A。 合格率V: ISO / IEC 19752 V之后的测试结果。 Yield V: Result of test after ISO/IEC 19752 V。	
产量V: (V1+V2+V3)/3=V Yield V: (V1+V2+V3)/3=V	2300	2300	2300	2300		
结果: EZ=A/V				Result: EZ=A/V		
参考的测试报告: Reference to the test protocol:			测试日期: Test Date:			
是否达到了预期产量 (EZ) ? (是/否/不适用) Is the expected yield (EZ) reached? (Yes/No/Not Applicable)	是 Yes		是否达到预期的页产量? (是/否/不适用) Is the expected page yield reached? (Yes/No/Not Applicable)		是 Yes	

检查黑白打印/彩色还原 (5.6.2) Checking the black print/Color reproduction (5.6.2)					
2个区域F测试打印A1的平均值 Average value of the 2 areas F test print A1	26	2个区域F测试打印A2的平均值 Average value of the 2 areas F test print A2	27.7	2个区域F测试打印A3的平均值 Average value of the 2 areas F test print A3	23.3
比较打印V1的两个区域F的平均值 Average value of the 2 areas F comparing print V1	24.2	比较打印V2的两个区域F的平均值 Average value of the 2 areas F comparing print V2	25.4	比较打印V3的两个区域F的平均值 Average value of the 2 areas F comparing print V3	25.4
单色差不大于 $\Delta \leq 5$ Difference is not higher than $\Delta \leq 5$ for Monochrom	不适用 Not Applicable	单色差不大于 $\Delta \leq 5$ Difference is not higher than $\Delta \leq 5$ for Monochrom	不适用 Not Applicable	单色差不大于 $\Delta \leq 5$ Difference is not higher than $\Delta \leq 5$ for Monochrom	不适用 Not Applicable
色差 $\Delta E \leq 18$ Color difference $\Delta E \leq 18$ for Color	1.8	色差 $\Delta E \leq 18$ Color difference $\Delta E \leq 18$ for Color	2.3	色差 $\Delta E \leq 18$ Color difference $\Delta E \leq 18$ for Color	2.1
褪色检查 Checking the fade (5.6.3)					
测试打印A1 Test print A1	1	6	A	F	
打印50页后 after 50 pages	79.5	54.3	39.3	25.9	
最大偏差 The biggest deviation	3.4	4.7	3.4	6.3	
比较打印V1 Comparing print V1	1	6	A	F	
打印50页后 after 50 pages	79.6	56.9	40.3	28.2	
最大偏差 The biggest deviation	2	3.7	3.5	3.2	
结果确定差 $\Delta L \leq 8$ Result determination: Difference	1.4	1	0.1	3.1	
是否在允许差值范围 Whether it is within the allowed range	Yes	Yes	Yes	Yes	
测试打印A2 Test print A2	1	6	A	F	
打印50页后 after 50 pages	80.9	57.6	42	27.6	
最大偏差 The biggest deviation	3.7	6	3.9	4.1	
比较打印V2 Comparing print V2	1	6	A	F	
打印50页后 after 50 pages	81.5	56.2	42.1	26.5	
最大偏差 The biggest deviation	2.3	2.7	3.9	3.7	
结果确定差 $\Delta L \leq 8$ Result determination: Difference	1.4	3.3	0	0.4	
是否在允许差值范围 Whether it is within the allowed range	Yes	Yes	Yes	Yes	
测试打印A3 Test print A3	1	6	A	F	
打印50页后 after 50 pages	81	59.2	39.6	25.9	
最大偏差 The biggest deviation	6.5	4.5	6.1	4.4	
比较打印V3 Comparing print V3	1	6	A	F	
打印50页后 after 50 pages	82	55.2	40.9	26.5	
最大偏差 The biggest deviation	3.5	3	3.5	2	
结果确定差 $\Delta L \leq 8$ Result determination: Difference	3	1.5	2.6	2.4	
是否在允许差值范围 Whether it is within the allowed range	Yes	Yes	Yes	Yes	
检查墨粉附着力 Checking toner adhesion	测试过程: 视觉 (胶带法)				
抵抗力是否在可接受的参数之间? 如果不是: 请说明。 Is the resistance in between the acceptable parameters? If not: Describe deviation					Yes
检查灰色页面/颜色均匀性 (5.6.5) Checking the grey page/color uniformity (5.6.5)					
颜色差异是否在可接受的参数之间 (模式B2-B5) $\Delta E \leq 8$ ? 如果不是: 请描述偏差。Are the color differences in between the acceptable parameters (pattern B2-B5) $\Delta E \leq 8$ ? If not: Describe deviation					Yes
检查背景 (5.6.6) Checking the background (5.6.6)					

背景污迹是否在可接受的参数之间（模式B1-B5）？如果不是：请描述偏差。Is the background smudge between the acceptable parameters (pattern B1-B5)? If not: Describe deviation					Yes
检查重影 (5.6.7) Checking the ghosting (5.6.7)					
是否在可接受的参数（模式B2-B5）之间重复了后矩形？如果不是：请描述偏差。Is the repeating of the back rectangles in between the acceptable parameters (pattern B2-B5)? If not: Describe deviation					Yes
检查墨粉的相容性 (5.6.8) Checking toner miscibility (5.6.8)					
是否提供了墨粉混溶性？如果不是：请描述偏差。Is the toner miscibility given?If not: Describe deviation					N/A
<b>总体结果OVERALL RESULT</b>	<b>Passed</b>	<b>完成时间 Finish-time</b>	2020/4/10	<b>测试者 reporter</b>	Yixin.Shen