



Manufacturer (trade mark):	PRPS	Type/Model OEM:	TN3170
Lot/Part number:	628473	Toner color(s):	Monochrome
Main application:	To be used on the relevant printers according to remanufacturer instructions		
Intended yield:	7000	Take over value of existing test protocol :	(box) Yes, from ISO19752
Test device:	E66602FOJ645358 / E63658L8J840419 / E63658L8J840407	Relative humidity:	42
Test climate:	Temperature: 24	Test location 2):	SERBIA
Deviations of the determined test conditions	Tester 1): 0	Test date:	13/08/2012

1) If values are taken over from test protocol, the signing person is responsible, that the protocols, from which the values have been taken off, are plausible and correct.

2) Either testing place or place where the protocol is made

Test sample (A)	Type	Used for valuation	Charge/Serial number
1 7630		Yes	Sample 1
2 7111		Yes	Sample 2
3 7520		Yes	We use for A1 the
4 7010		Yes	MAX, for A2 the
5 7765		Yes	MEDIAN and for A3 the
6 7210		Yes	MIN value of the list at
7 7500		Yes	left
8 7040		Yes	Sample 7
9 7714		Yes	Sample 8
		Yes	Sample 9
Comparing Sample (B)	Type	Used for valuation	Charge/Serial number
1 7000		Yes/no	Yes
2 7000		Yes/no	Yes
3 7000		Yes/no	Yes
4		Yes/no	
5		Yes/no	

OEM data taken from OEMs own ISO19752 or ISO19798 declarations of yield

Administrative checking of health related attributes (5.2)

Is there an EG- Safety Data Sheet of the used toner? Yes/no Yes

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? Yes/no Not Aplicable

If not: Description All MSDSs mention Ames test

Checking the influence of the toner module on the printer (5.3)

Is the toner leaking less than the original? Yes/no Yes

Is the interaction between printer and toner module acceptable? Yes/no Yes

If not: Description

Checking the initialization (5.4)

Is the print out acceptable right after the toner module has been inserted? Yes/no Yes

If not: Describe fault

Checking the yield number (5.5)

	Monochrome				Average ($\bar{A}$ or $\bar{V}$)
	1	2	3		
Yield A: $(A1+A2+A3)/3=\bar{A}$	7765	7500	7010		7425
Yield V: $(V1+V2+V3)/3=\bar{V}$	7000	7000	7000		7000
Alternative:					
Yield A: Result of test after ISO/IEC 19752 $\bar{A}$					
Reference to the test protocol:					
Test date:					
Yield V: Result of test after ISO/IEC 19752 $\bar{V}$					
Reference to the test protocol:					
Test date:					
Result: $EZ=\bar{A}/\bar{V}$					1,06
Is the expected yield (EZ) reached?	Yes	No	Not Aplicable		
Is the expected page yield reached?	YES				

Checking the black print/Color reproduction (5.6.2)

Average value of the 2 areas F test print A1:	0		
Average value of the 2 areas F comparing print V1:	0		
Difference is not higher than $\Delta \leq 5$ for Monochrome	0	Yes/No/Not Aplicable	Yes
Color difference $\Delta E \leq 18$ for Color	Not applicable	Yes/No/Not Aplicable	Not Aplicable
Average value of the 2 areas F test print A2:	0		
Average value of the 2 areas F comparing print V2:	0		
Difference is not higher than $\Delta \leq 5$ for Monochrome	0	Yes/No/Not Aplicable	Yes
Color difference $\Delta E \leq 18$ for Color	Not applicable	Yes/No/Not Aplicable	Not Aplicable
Average value of the 2 areas F test print A3:	0		
Average value of the 2 areas F comparing print V3:	0		
Difference is not higher than $\Delta \leq 5$ for Monochrome	0	Yes/No/Not Aplicable	Yes
Color difference $\Delta E \leq 18$ for Color	Not applicable	Yes/No/Not Aplicable	Not Aplicable

Checking the fade (5.6.3)

	Monochrome			
Test print A1				
Color values 1 6 A F	1	6	A	F
after 50 pages	0	0	0	0
Color values 1 6 A F	1	6	A	F
The biggest deviation	0	0	0	0
Comparing print V1				
Color values 1 6 A F	1	6	A	F
after 50 pages	0	0	0	0

Color values 1 6 A F	1	6	A	F
The biggest deviation	0	0	0	0
Result determination	1	6	A	F
Difference $\Delta L \leq 8$	0	0	0	0
Difference within allowed parameters	YES	YES	YES	YES

Test print A2 Monochrome

Color values 1 6 A F	1	6	A	F
after 50 pages	0	0	0	0
Color values 1 6 A F	1	6	A	F
The biggest deviation	0	0	0	0
Comparing print V2				
Color values 1 6 A F	1	6	A	F
after 50 pages	0	0	0	0
Color values 1 6 A F	1	6	A	F
The biggest deviation	0	0	0	0
Result determination	1	6	A	F
Difference $\Delta L \leq 8$	0	0	0	0
Difference within allowed parameters	YES	YES	YES	YES

Test print A3 Monochrome

Color values 1 6 A F	1	6	A	F
after 50 pages	0	0	0	0
Color values 1 6 A F	1	6	A	F
The biggest deviation	0	0	0	0
Comparing print V2				
Color values 1 6 A F	1	6	A	F
after 50 pages	0	0	0	0
Color values 1 6 A F	1	6	A	F
The biggest deviation	0	0	0	0
Result determination	1	6	A	F
Difference $\Delta L \leq 8$	0	0	0	0
Difference within allowed parameters	YES	YES	YES	YES

Checking toner adhesion

Test process: visual (tape method):

Is the resistance in between the acceptable parameters? Yes
 If not: Describe deviation

Checking the grey page/color uniformity (5.6.5)

Are the differences in brightness between the acceptable parameters (pattern B2) $\Delta L \leq 5$? Yes
 If not: Describe deviation

Checking the background (5.6.6)

Is the background smudge between the acceptable parameters (pattern B1)? Yes
 If not: Describe deviation

Checking the ghosting (5.6.7)

Is the repeating of the back rectangles in between the acceptable parameters (pattern B2)? Yes
 If not: Describe deviation

Checking toner miscibility (5.6.8)

Is the toner miscibility given? N/A
 If not: Describe deviation

OVERALL RESULT: Passed