



Manufacturer (trade mark):	<b>PRPS</b>	Type/Model OEM:	<b>MLT-D205E/ELS</b>
Lot/Part number:	<b>4229656</b>	Toner color(s):	<b>Monochrome</b>
Main application:	To be used on the relevant printers according to remanufacturer instructions		
Intended yield:	10000	Take over value of existing test protocol : (box)	Yes, from ISO19752
Test device:	ZSH9BAGC203502B / Z5H9BAGC204436M / Z5H9BAGC204447H		
Test climate:			
Temperature:	22	Relative humidity:	48
Deviations of the determined test conditions		Test location 2):	<b>SERBIA</b>
Tester 1):	0	Test date:	<b>22/09/2014</b>

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	10540	Yes	Sample 1
2	11005	Yes	Sample 2
3	10236	Yes	Sample 3
4	10874	Yes	Sample 4
5	10214	Yes	Sample 5
6	11102	Yes	Sample 6
7	10870	Yes	Sample 7
8	10906	Yes	Sample 8
9	10453	Yes	Sample 9
Comparing Sample (B)	Type	Used for valuation	Charge/Serial number
1	10000	Yes/no	OEM Sample/Spec
2	10000	Yes/no	OEM Sample/Spec
3	10000	Yes/no	OEM Sample/Spec
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			
	1	2	3	Average ( $\bar{A}$ or $\bar{V}$ )
Yield A: $(A1+A2+A3)/3 = \bar{A}$	11102	10870	10214	10729
Yield V: $(V1+V2+V3)/3 = \bar{V}$	10000	10000	10000	10000
<b>Alternative:</b>				
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: $EZ = \bar{A}/\bar{V}$				1,07
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
<b>Result determination</b>	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
<b>Comparing print V2</b>				
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
<b>Result determination</b>	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
<b>Comparing print V2</b>				
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
<b>Result determination</b>	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**