



Report No.: CTB141222003C

Date: December 26, 2014

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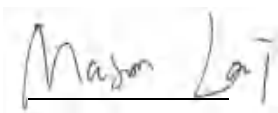
Customer: Shenzhen product into motor co., LTD**Address:** 3th Floor, building A , Tongfeng Industrial Park, Longtian, Kengzi Long Town,
Ping Shan New District, Shenzhen City**Report Number:** CTB141222003C**Total Page:** 6 Pages**Report on the submitted sample said to be:****Sample name:** RF-500**Model:** 500#**Item/Lot No.:** /**Manufacture:** Shenzhen product into motor co., LTD**Address:** 3th Floor, building A , Tongfeng Industrial Park, Longtian, Kengzi Long Town,
Ping Shan New District, Shenzhen City**Sample received date:** December 24, 2014**Testing period:** December 25, 2014- December 26, 2014**Test (Issue) laboratory:** Shenzhen CTB Testing Technology Co., Ltd.**Test location:** First floor, E building, Huayang Technology Industry Park, Gushu Village,
Bao'an District, Shenzhen City, P.R.C**Basis council directive:** EU RoHS Directive 2011/65/EU**Test Conclusion:**

Test Requested	Conclusion
EU RoHS Directive 2011/65/EU and its amendment directives	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of CTB

Tested by:



Approved by:



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Test item:

- (1) Cd, Pb, Hg
- (2) Cr(VI)
- (3) PBBs, PBDEs

Test standard:

- (1) With reference to IEC 62321, Ed.1 111/95/CDV, EPA3050B:1996, EPA3052:1996 Analysis was performed by ICP
- (2) With reference to IEC 62321, Ed.1 111/95/CDV, EPA3060A:1996, EPA 7196A:1992, ISO3613:2000(E), Analysis was performed by UV
- (3) With reference to IEC 62321, Ed.1 111/95/CDV, EPA3540C:1996, Analysis was performed by GC-MS

Conclusion: The delivery sample complied with ROHS directive

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SAMPLE NO.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of testing (mg/kg)	Chemical testing limit (mg/kg)	Conclusion (P/F)
1	Plastic cover	Cd	P	N.D.	< 100	P
		Cr	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P
2	Shaft	Cd	P	N.D.	< 100	P
		Cr	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	D	/	< 1000	P
		PBBs	D	/	< 1000	P
		PBDEs	P	N.D.	< 1000	P
3	The shell	Cd	P	N.D.	< 100	P
		Cr	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	D	/	< 1000	P
		PBDEs	D	/	< 1000	P
4	Copper wire	Cd	P	N.D.	< 100	P
		Cr	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	D	N.D.	< 1000	P
		PBBs	D	/	< 1000	P
		PBDEs	D	/	< 1000	P
5	Gray Plastic mat	Cd	P	N.D.	< 100	P
		Cr	P	N.D.	< 1000	P
		Hg	P	N.D.	< 1000	P
		Pb	P	N.D.	< 1000	P
		PBBs	P	N.D.	< 1000	P
		PBDEs	P	N.D.	< 1000	P

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Remark:

- (1) It is the result on total Br while test PBBs and PBDEs by EDXRF. It is the result on total Cr while test Hexavalent Chromium by EDXRF.
- (2) Results are obtained by EDXRF for primary screening, and chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (Cr(VI)) and GCMS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321:2008 (unit:mg/kg)

Element	Polymer		
Cd	$P \leq 70-3\sigma < D < 130+3\sigma \leq F$	$P \leq 70-3\sigma < D < 130+3\sigma \leq F$	$P \leq 50-3\sigma < D < 150+3\sigma \leq F$
Pb	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 500-3\sigma < D < 1500+3\sigma \leq F$
Hg	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 700-3\sigma < D < 1300+3\sigma \leq F$	$P \leq 500-3\sigma < D < 1500+3\sigma \leq F$
Br	$P \leq 300-3\sigma < D$	-----	$P \leq 250-3\sigma < D$
Cr	$P \leq 700-3\sigma < D$	$P \leq 700-3\sigma < D$	$P \leq 500-3\sigma < D$

NOTE: P = PASS; F = FAIL; D = DETECTED;

(3) mg/kg = ppm; N.D. = NOT DETECTED (<MDL) Pb, Cd, Hg: 10 mg/kg; Cr(VI):

2mg/kg; PBBs, PBDEs: 5mg/kg

(4) According to IEC 62321:2008, result on Cr(VI) for metal sample is shown as

Positive/Negative. Positive = Presence of Cr(VI) coating, Negative = Absence of Cr(VI) coating

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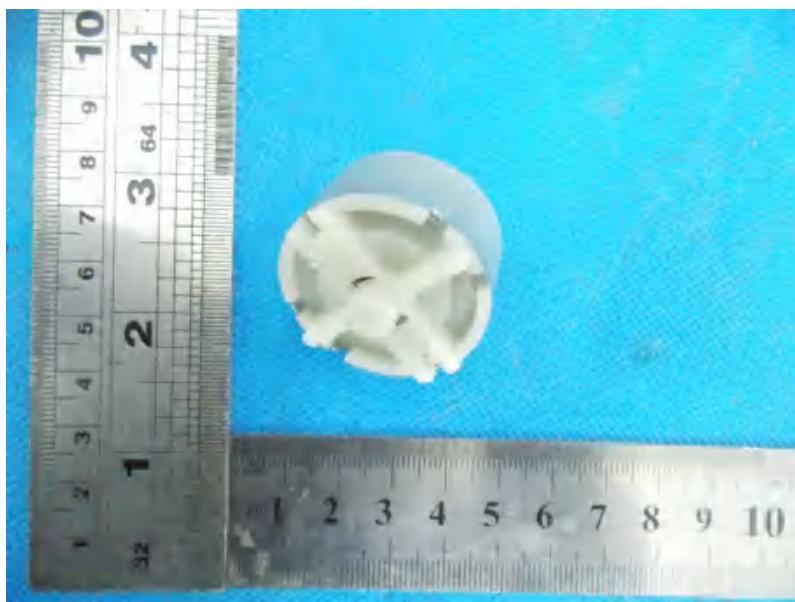
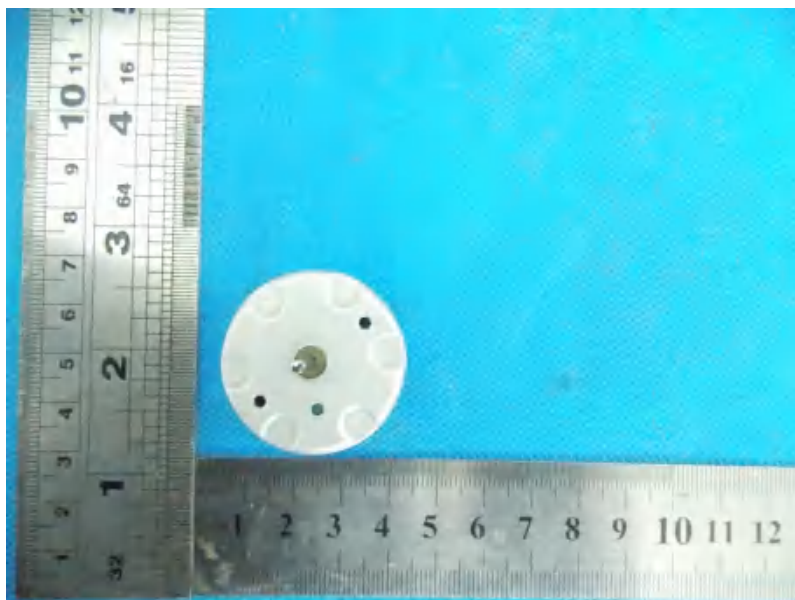
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Photo Documentation



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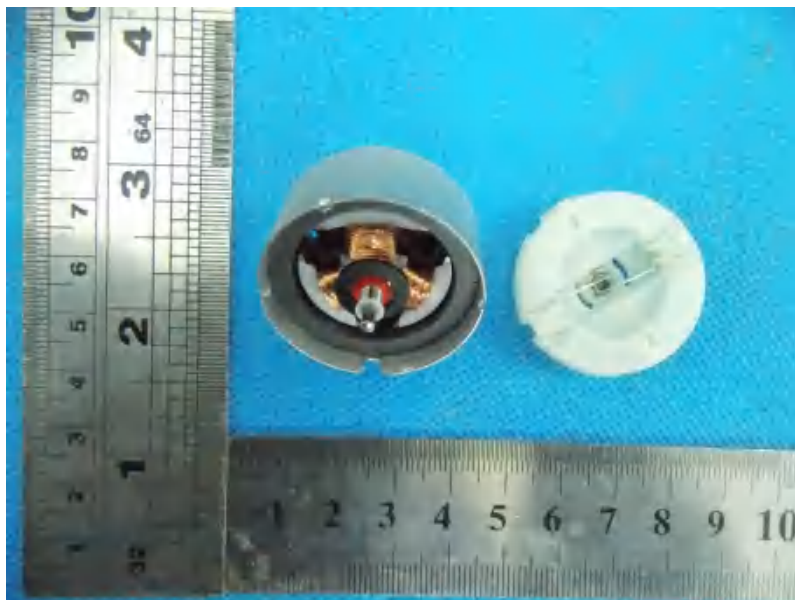
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*****End of Report*****

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