

TEST REPORT

REPORT NO. JP/2007/100038
 DATE: October 15th, 2007
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CLIENT : Hitachi Metals, Ltd. Yasugi Works
 SAMPLE DESCRIPTION : YEF42(42Ni-Fe alloy) ER07-742
 CLIENT REF.NO. : ER07-742
 TESTING DATE : 2007/10/03 TO 2007/10/09
 SAMPLE RECEIVED : 2007/10/01

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	RESULT	METHOD	INSTRUMENT	R.L.
CADMIUM (Cd)	ppm	N.D.	EPA3051A	ICP-OES	1
MERCURY (Hg)	ppm	N.D.	EPA3051A	ICP-OES	5
LEAD (Pb)	ppm	N.D.	EPA3051A	ICP-OES	10
CHROMIUM VI (Cr ⁶⁺)*	ppm	N.D.	EPA3060A, EPA7196A	UV-VIS	2
PBBS(Polybrominated biphenyls)					
Monobromobiphenyl	ppm	N.D.			10
Dibromobiphenyl	ppm	N.D.			10
Tribromobiphenyl	ppm	N.D.			10
Tetrabromobiphenyl	ppm	N.D.			10
Pentabromobiphenyl	ppm	N.D.	EPA3540C/EPA3541	GC/MS	10
Hexabromobiphenyl	ppm	N.D.	/EPA3550C		10
Heptabromobiphenyl	ppm	N.D.			10
Octabromobiphenyl	ppm	N.D.			10
Nonabromobiphenyl	ppm	N.D.			25
Decabromobiphenyl	ppm	N.D.			25
PBDEs(Polybrominated diphenyl ethers)					
Monobromodiphenyl ether	ppm	N.D.			10
Dibromodiphenyl ether	ppm	N.D.			10
Tribromodiphenyl ether	ppm	N.D.			10
Tetrabromodiphenyl ether	ppm	N.D.			10
Pentabromodiphenyl ether	ppm	N.D.	EPA3540C/EPA3541	GC/MS	10
Hexabromodiphenyl ether	ppm	N.D.	/EPA3550C		10
Heptabromodiphenyl ether	ppm	N.D.			10
Octabromodiphenyl ether	ppm	N.D.			10
Nonabromodiphenyl ether	ppm	N.D.			25
Decabromodiphenyl ether	ppm	N.D.			25

NOTES : R.L. = reporting limit N.D. = not detected

*Test process and/or expression of test result for Cr(VI) have been specified by client.

The content of Cr(VI) has been calculated with regard to the sample weight as specified by client.

<END>

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JP 732013

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