

TEST REPORT

Page 1 of 7

REPORT NUMBER: TURR110047746

APPLICANT NAME KAS Uluslararası Ser.Göz ve Tekn.Kon.Hiz.Ltd.Şti

ADDRESS Fatih Cd. No.68 D:20 Bornova İzmir TÜRKİYE

FAX NO:0232 435 61 20

Attention: Emir Kuşgöz (emir.kusgoz@kascert.com)

SAMPLE DESCRIPTION: One sample of 0,6 - 1 KV Cable

DATE IN: 17 May, 2011

DATE OUT: 24 May, 2011

MANUFACTURER'S NAME: OZNUR KABLO SANAYI VE TICARET A.Ş.

PRODUCT'S CODE : See Attachment

REQUEST: RoHS Test was performed on the item.

RESULTS: See attachment

CONCLUSION: Testing Item Conclusion
Sample PASS

The test results relate only to the items tested. The whole and/or the part of this test report shall not be reproduced and shall not be shared with third parties, nor to be used for PR activities without the written permission of INTERTEK Test Hizmetleri A.S.

The reported uncertainity is based on a standard uncertainity multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainity evaluation has been carried out in accordance with ISO/IEC 17025 and UKAS accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainity considered. When uncertainity is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. Tests marked (*) in this test report are not included in the UKAS accreditation schedule for this laboratory.

Bora Şirinbilek Coordinator Neslihan Sözer



Chemical Laboratory Manager

Intertek Test Hizmetleri A.S.

Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna 34197 - ISTANBUL / TURKEY
Phone: +90.212. 496 46 46 Fax: +90.212. 452 80 55
e-mail: labtest.turkey@intertek.com

www.intertek-cg-tur.com





RESULTS Page 2 of 7

REPORT :TURR110047746 24 May, 2011

PRODUCT'S CODE	,
H05V-K	1
H05V-U	A (\$
H07V-U	W 43
H07V-R	JAP T
H07V-K	~ (\$)
H05VV-F	1
NYM AND THE STATE OF THE STATE	. de
NYY COST AND	, XS
NYFGBY	000
NYRY	300
NYCY	8
N2XY	300
N2XFGBY	
N2XRGBY	2
N2XCY	ari T
N2XRY	33
Direction of the Control of the Cont	27/2
N2XH FE-180	₄ 0
NHXHX FE-180	, S. J.
N2XCH	44
N2XRH	.00
N2XFGBH	30,0
NHXMH	4,000
NHMH AND THE THE PARTY OF THE P	716
H05Z1Z1-F	Let.
H05Z1-K	3:01.5
H07Z1-K	34
H07Z1-U	O Calego
H07Z1-R	.,0
ÖRGÜLÜ SERT BAKIR İLETKEN	Kr. L.
	- 33



RESULTS Page 3 of 7

REPORT: TURR110047746 24 May, 2011

PARTS	DESCRIPTION	CONCLUSION
2050e	Sample Sample	20 10 10 10 10 10 10 10 10 10 10 10 10 10
T STORY	ISOLATION BLACK	PASS
2,00	ISOLATION WHITE	PASS
3 1	BLUE CABLE	PASS
4	GREY CABLE	PASS
5	BLACK CABLE	PASS
6	BROWN CABLE	PASS
7.88	WIRE A CONTROL OF THE PARTY OF	PASS



RESULTS Page 4 of 7

REPORT: TURR110047746 24 May, 2011

(A) Test Method Summary

Testing Item	NO 2017	RoHS Limit (ppm)			
Carlo State Carlo State Carlo State Carlo	Part 1	Part 2	Part 3	Part 4	THE THE PARTY OF T
Cadmium (Cd) Content	ND ND	ND	ND V	ND	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND \	ND &	ND.	AND SEE	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content (µg/cm²) (for metal)	NA S	→ NA	NA .	NA .	90 J. 1900 1900 1900
Chromium VI (Cr+6) Result (By spot test on metal)	NA	NA XO	(NA	A NA	NEGATIVE 6
Lead (Pb) Content	ND CONTRACTOR	NDO	ND L	ND	0.1 % (1000 ppm)
Mercury (Hg) Content	ND	ND W	SND STO	ND W	0.1 % (1000 ppm)
Flame Retardants	March Self	All Control of Land	STATE OF THE PARTY	\$P & \$\frac{1}{2} \rightarrow \frac{1}{2} \rightarrow	0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND	ND S	ND X	√\$ ND.√	1000 1000 1000 1000 1000 1000 1000 100
Monobromobiphenyl (MonoBB)	ND A	S ND	ND.	O ND	4 20 May 6.00 C. O. C. O
Dibromobiphenyl (DiBB)	ND A	ND ND	ND 35	QSND_as	The world william the
Tribromobiphenyl (TriBB)	ND O	Sty ND Sty	ND	ND ND	The state of the s
Tetrabromobiphenyl (TetraBB)	ND ND	ND .	ND NO	ND S	A. 1872 A. 1823 " Copy.
Pentabromobiphenyl (PentaBB)	ND A	ND	ND ND	ND.	22 20 ESE SE
Hexabromobiphenyl (HexaBB)	ONDOWN	ND ND	ND .	ND	
Heptabromobiphenyl (HeptaBB)	ND NO	ND AND	K ND S	JOS ND COL	60 10 10 S
Octabromobiphenyl (OctaBB)	O"ND(+)"	ND.	ND ND	ND	00 000 TAY
Nonabromobiphenyl (NonaBB)	ND 36	ND O	ND. AND	A ND OF	188 28th 187, 18
Decabromobiphenyl (DecaBB)	ND OF	ND3	ND	ND ,	
Polybrominated Diphenyl Ethers (PBDE)	ND O	ND 3	ND \	ND 30	18 18 18 18 18 18 18 18 18 18 18 18 18 1
Monobromodiphenyl Ether (MonoBDE)	_ ND TO	Son ND	ND.	ND	The state of the s
Dibromodiphenyl Ether (DiBDE)	ND ND	ND N	ND N	ND.	7 360° 20° 40° 40° 40° 40° 40° 40° 40° 40° 40° 4
Tribromodiphenyl Ether (TriBDE)	A STAND AND	© ND €	ND)	ND ⁽³⁾	The market of the
Tetrabromodiphenyl Ether (TetraBDE)	ND ND	ND ND	ND ND	ND N	The Man was
Pentabromodiphenyl Ether (PentaBDE)	ND ND	ND CO	ND.4	ND	The Paris Strain Strain Strain
Hexabromodiphenyl Ether (HexaBDE)	ND.	ND ND	ND N	AND S	18 18 1 40 1 18 18 18 18 18 18 18 18 18 18 18 18 1
Heptabromodiphenyl Ether (HeptaBDE)	ND O	ND O	. ND de ND	O ND	10 miles 10 miles
Octabromodiphenyl Ether (OctaBDE)	ND.	ND.	ND N	ND N	
Nonabromodiphenyl Ether (NonaBDE)	ND N	ND NO	AO'ND,	ND VIEW	Section of the sectio
Decabromodiphenyl Ether (DecaBDE)	ND ND	ND.	ND ND	ND	The state of the s

Remarks:

ppm=Parts per million based on dry weight of sample
µg/cm²=Microgram per square centimetre
mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre
<=Less than
ND =Not detected
NA =Not applicable
NR =Not requested NR =Not requested

(B) Test Method:

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP- OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm² (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

NOTE: The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.





RESULTS

REPORT: TURR110047746

24 May, 2011

(A) Test Method Summary

Testing Item	18 20 TO 18	RoHS Limit (ppm)		
Carry Than Gay The Straight On This Chin	Part 5	Part 6	Part 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Cadmium (Cd) Content	ND NO	ND NO	NDV C	0.01 % (100 ppm)
Chromium VI (Cr+6) Content (ppm) (for non - metal)	ND C	ND A	as ANA dis	0.1 % (1000 ppm)
Chromium VI (Cr+6) Content (µg/cm²) (for metal)	NA NA	JAN NA JA	ND.	90 Jan 1900 1900 1900
Chromium VI (Cr+6) Result (By spot test on metal)	NA NA	O ANA CO	NEGATIVE	NEGATIVE 6
Lead (Pb) Content	ND ND	30 ⁽⁵⁾ ND ⁽⁵⁾ 4.0	ND AND AND AND AND AND AND AND AND AND A	0.1 % (1000 ppm)
Mercury (Hg) Content	ND.	ND SS	AND AND	0.1 % (1000 ppm)
Flame Retardants	Charles Transfer	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.1 % (1000 ppm)
Polybrominated Biphenyls (PBB)	ND ND	ND S	ANA AN	1000 1000 1000 1000 1000 1000 1000 100
Monobromobiphenyl (MonoBB)	MD) S	ND ND	NAS V	The House Cold
Dibromobiphenyl (DiBB)	ND AND	CONTRACTOR	NA ZAN	The world william the
Tribromobiphenyl (TriBB)	ND) X	ND.	NA CONACTO	A BY IS TO LOSS WAY
Tetrabromobiphenyl (TetraBB)	ND OF	ND V	NA NA	A. 1872 A. 1823 " Copy.
Pentabromobiphenyl (PentaBB)	S ND	ND ND	NA A	25 20 125 125
Hexabromobiphenyl (HexaBB)	OF AND SO	TOWN ND STORY	NA NA	
Heptabromobiphenyl (HeptaBB)	AND AND AND AND AND AND AND AND AND AND	AND 48	NA KONA	166 14 A
Octabromobiphenyl (OctaBB)	CO. ND. Sec.	OF ND	NA NA	of all a feet of the
Nonabromobiphenyl (NonaBB)	ND S	AS OND SE	ANA NA	18 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Decabromobiphenyl (DecaBB)	ND N	ND ND	NA.	The state of the
Polybrominated Diphenyl Ethers (PBDE)	ND O	ND AND	NA 💸	
Monobromodiphenyl Ether (MonoBDE)	Tage ND 20 198	ND ND	S NA OF	The state of the s
Dibromodiphenyl Ether (DiBDE)	ST JOND OF	Se COND C	NA NA	A SOUTH SOUTH OUT OF
Tribromodiphenyl Ether (TriBDE)	Wiggs NDOgs Go	ND ND	NA SE	The Marie Said Ville
Tetrabromodiphenyl Ether (TetraBDE)	ND ND	ND NOT	NA NA	The state of the s
Pentabromodiphenyl Ether (PentaBDE)	ND.	ND ()	NA NA	The Contract of the
Hexabromodiphenyl Ether (HexaBDE)	ND STATE	ND CO	NA ^N	the way are
Heptabromodiphenyl Ether (HeptaBDE)	NDO CONTRACTOR	ND &	NA NA	10x 10x 10x 10x 10x 10x
Octabromodiphenyl Ether (OctaBDE)	Activity ND Action	ND AS	NA NA	THE STATE OF THE S
Nonabromodiphenyl Ether (NonaBDE)	ND W	STORY OF THE PROPERTY OF THE P	NA NA	
Decabromodiphenyl Ether (DecaBDE)	ND N	ND ND	NA NA	The state of the s

ppm=Parts per million based on dry weight of sample

µg/cm²=Microgram per square centimetre

mg/kg with 50 cm²=Milligram per kilogram with 50 square centimetre

<=Less than

ND =Not detected

NA =Not applicable

NR =Not requested

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Lead (Pb)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP-OES	2 ppm
Mercury (Hg)Content	With reference to IEC 62321:2008,by acid digestion and determined by ICP- OES	2 ppm
Chromium VI (Cr6+)(For non-metal)	With reference to IEC 62321:2008,by alkaline digestion and determined by UV-VIS spectrophotometer	1 ppm
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008,by SPOT TEST	1 ppm (IN TESTING SOLUTION)
Chromium VI (Cr6+)(For metal)	With reference to IEC 62321:2008 ,by boiling water extraction and determined by UV-VIS spectrophotometer	0.02 mg/kg with 50 cm² (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321:2008,by solvent extraction and determined by GC/MS and HPLC	5 ppm

The above limits were quoted from 2002/95/EC and amendment 2005/618/EC for homogeneous material.





RESULTS

Page 6 of 7

REPORT :TURR110047746

24 May, 2011



Part 1

Part 2



Part 3



Part 4









RESULTS

Page 7 of 7

REPORT: TURR110047746

24 May, 2011

Part 5



Part 6



Part 7



END OF TEST REPORT

