

APPLICANT	: Doosan Corporation Electro-Materials	
ADDRESS	: 40, Doosan-ro, Jeungpyeong-eup, Jeungpyeong-gun,	
	Chungcheongbuk-do, Korea	
		PAGE: 1 of 4
REPORT NO.	RT17R-S5667-012-E1	DATE: Dec. 29, 2017

SAMPLE DESCRIPTION: The following submitted sample(s) said to be:-NAME/TYPE OF PRODUCT: DS-7408SAMPLE ID NO.: RT17R-S5667-012MANUFACTURER/VENDOR: Doosan Corporation Electro-MaterialsSAMPLE RECEIVED: Dec. 20, 2017TESTING DATE: Dec. 20, 2017 ~ Dec. 29, 2017

TEST METHOD(S)	: Please see the following page(s).
TEST RESULT(S)	: Please see the following page(s).

\* Note 1 : The test results presented in this report relate only to the object tested.

\* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

Approved by,

2648

Jade Jang / Lab. Technical Manager

Authorized by,



Bo Park / Lab. General Manager

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REPORT NO. RT17R-S5667-012-E1

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SAMPLE ID NO. : RT17R-S5667-012 SAMPLE DESCRIPTION : DS-7408

TEST ITEM	UNIT	TEST METHOD	MDL	RESULT				
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 Edition 1.0 : 2013,	0.5	N.D.				
Lead (Pb)	mg/kg	by acid digestion and determined by ICP-OES	5	N.D.				
Mercury (Hg)	mg/kg	With reference to IEC 62321-4 Edition 1.0 : 2013, by acid digestion and determined by ICP-OES	2	N.D.				
Hexavalent Chromium (Cr <sup>6+</sup> ) (For non-metal)	mg/kg	With reference to IEC 62321 Edition 1.0 : 2008, by alkaline digestion and determined by UV-VIS Spectrophotometer	1	N.D.				
Polybrominated Biphenyl (PBBs)	Polybrominated Biphenyl (PBBs)							
Monobromobiphenyl	mg/kg		5	N.D.				
Dibromobiphenyl	mg/kg	With reference to IEC 62321-6 Edition 1.0 : 2015, by solvent extraction and determined by GC/MS	5	N.D.				
Tribromobiphenyl	mg/kg		5	N.D.				
Tetrabromobiphenyl	mg/kg		5	N.D.				
Pentabromobiphenyl	mg/kg		5	N.D.				
Hexabromobiphenyl	mg/kg		5	N.D.				
Heptabromobiphenyl	mg/kg		5	N.D.				
Octabromobiphenyl	mg/kg		5	N.D.				
Nonabromobiphenyl	mg/kg		5	N.D.				
Decabromobiphenyl	mg/kg		5	N.D.				
Polybrominated Diphenyl Ether (PBDEs)								
Monobromodiphenyl ether	mg/kg		5	N.D.				
Dibromodiphenyl ether	mg/kg		5	N.D.				
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321-6 Edition 1.0 : 2015, by solvent extraction and determined by GC/MS	5	N.D.				
Tetrabromodiphenyl ether	mg/kg		5	N.D.				
Pentabromodiphenyl ether	mg/kg		5	N.D.				
Hexabromodiphenyl ether	mg/kg		5	N.D.				
Heptabromodiphenyl ether	mg/kg		5	N.D.				
Octabromodiphenyl ether	mg/kg	] [	5	N.D.				
Nonabromodiphenyl ether	mg/kg	] [	5	N.D.				
Decabromodiphenyl ether	mg/kg		5	N.D.				

Tested by : Jean Kim, Seulgi Park, Sujung Lee

Notes : mg/kg = ppm = parts per million < = Less than N.D. = Not detected ( <MDL ) MDL = Method detection limit

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SAMPLE ID NO. : RT17R-S5667-012 SAMPLE DESCRIPTION : DS-7408

\* View of sample as received;-



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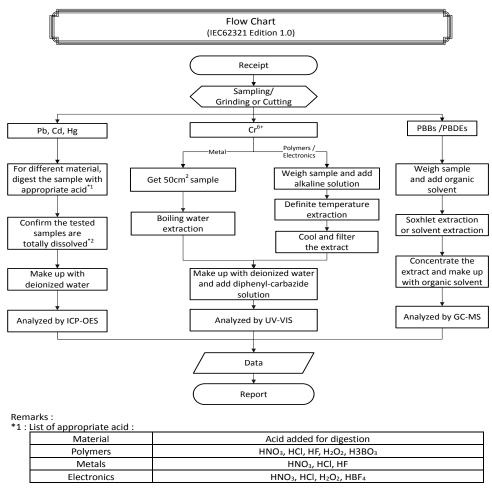


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PAGE: 4 of 4 DATE: Dec. 29, 2017

SAMPLE ID NO. : RT17R-S5667-012

SAMPLE DESCRIPTION : DS-7408



\*2 : The samples were dissolved totally by pre-conditioning method according to above flow chart.

#### \*\*\*\*\* End of Report \*\*\*\*\*

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