

DIELECTRIC LABORATORIES INC

2777 Route 20 East
Cazenovia Madison NY 13035
United States

Attn: Vicky Thurston

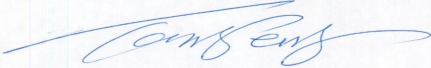
Report on the submitted samples said to be **Ceramic material for capacitors, Color – Gold (Plating), Style # PJ Ceramic**

Sample Received Date: **10/25/2006**Testing Period **10/25/2006 to 11/03/06****Test Requested:** In accordance with the RoHS Directive 2002/95/EC and its amendment directives

- Test Method:**
- (1) With reference to BS EN 1122:2001, Method B for Cadmium Content.
Analysis was performed by ICP / AAS.
 - (2) With reference to US EPA Method 3050B/ 3051/ 3052 for Lead Content.
Analysis was performed by ICP / AAS
 - (3) With reference to US EPA Method 3051/ 3052 for Mercury Content.
Analysis was performed by ICP / CV-AAS
 - (4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium.
Analysis was performed by UV/Vis Spectrometry
 - (5) With reference to EPA Method 3540C/ 3550C for PBB / PBDE Content.
Analysis was performed by GC/MS

Test Result(s): Please refer to next page(s).**Conclusion:** Based on the performed tests on submitted samples, the result **complies with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS US Testing Co



Tang S. Peng, Ph.D.
Chemistry Laboratory Manager

THIS TEST REPORT IS ISSUED BY THE COMPANY SUBJECT TO ITS GENERAL CON.DITIONS OF SERVICE PRINTED OVERLEAF OR AVAILABLE ON REQUEST AN.D. ACCESSIBLE AT WWW.SGS.COM. ATTENTION IS DRAWN TO THE LIMITATIONS OF LIABILITY, IN.DEMNIFICATION AN.D. JURISDICTIONAL ISSUES DEFINED THEREIN. UNLESS OTHERWISE STATED THE RESULTS SHOWN IN THIS TEST REPORT REFER ONLY TO THE SAMPLE(S) TESTED. THIS TEST REPORT CANNOT BE REPRODUCED EXCEPT IN FULL, WITHOUT PRIOR WRITTEN PERMISSION OF THE COMPANY. ANY UNAUTHORIZED ALTERATION, FORGERY OR FALSIFICATION OF THE CONTENT OR APPEARANCE OF THIS REPORT IS UNLAWFUL AN.D. OFFEN.D.ERS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

Test results by chemical method (Unit: mg/kg = ppm):

Test Items	Method (refer to)	Result	Method Detection Limit	RoHS Limit
Cadmium (Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium [Cr(VI)]	(4)	ND	2	1000
Sum of PBBs		ND	-	1000
Monobromobiphenyl	(5)	ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDE (Mono to Nona, see note 2)			ND	-
Monobromodiphenyl ether	(5)	ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-
Sum of PBDE (Mono – Deca)			ND	-

- Note:
- (1) ND = Not Detected, reported when the reading is less than the method detection limit.
 - (2) Sum of Mono to NonaBDE. DecaBDE is exempt according to 2005/717/EC.

THIS TEST REPORT IS ISSUED BY THE COMPANY SUBJECT TO ITS GENERAL CONDITIONS OF SERVICE PRINTED OVERLEAF OR AVAILABLE ON REQUEST AND ACCESSIBLE AT WWW.SGS.COM. ATTENTION IS DRAWN TO THE LIMITATIONS OF LIABILITY, INDEMNIFICATION AND JURISDICTIONAL ISSUES DEFINED THEREIN. UNLESS OTHERWISE STATED THE RESULTS SHOWN IN THIS TEST REPORT REFER ONLY TO THE SAMPLE(S) TESTED. THIS TEST REPORT CANNOT BE REPRODUCED EXCEPT IN FULL, WITHOUT PRIOR WRITTEN PERMISSION OF THE COMPANY. ANY UNAUTHORIZED ALTERATION, FORGERY OR FALSIFICATION OF THE CONTENT OR APPEARANCE OF THIS REPORT IS UNLAWFUL AND OFFENDERS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

THIS TEST REPORT IS ISSUED BY THE COMPANY SUBJECT TO ITS GENERAL CON.D.ITIONS OF SERVICE PRINTED OVERLEAF OR AVAILABLE ON REQUEST AN.D. ACCESSIBLE AT WWW.SGS.COM. ATTENTION IS DRAWN TO THE LIMITATIONS OF LIABILITY, IN.D.EMNIFICATION AN.D. JURISDICTIONAL ISSUES DEFINED THEREIN. UNLESS OTHERWISE STATED THE RESULTS SHOWN IN THIS TEST REPORT REFER ONLY TO THE SAMPLE(S) TESTED. THIS TEST REPORT CANNOT BE REPRODUCED EXCEPT IN FULL, WITHOUT PRIOR WRITTEN PERMISSION OF THE COMPANY. ANY UNAUTHORIZED ALTERATION, FORGERY OR FALSIFICATION OF THE CONTENT OR APPEARANCE OF THIS REPORT IS UNLAWFUL AN.D. OFFEN.D.ERS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.