



Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH01406490

Applicant: TPE CORPORATION (HONG KONG) LIMITED
FT C, 18/F EGL TOWER
83 HUNG TO RD
KWUN TONG KLN
HK
Attn: JANET KO

Date: Nov 08, 2012

Sample Description:

One (1) submitted sample said to be **thermal lamination film scuff free matte OPP.**

Reference No. : 8300SF
Manufacturer : Cosmo Films Korea Limited
Country of Origin : Korea

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested component of submitted sample	U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 for Phthalate content	Pass

For and on behalf of :
Intertek Testing Services HK Ltd.

Karen S.C. Ng
General Manager





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Tests Conducted

1 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

As per Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.1 and/or CPSC-CH-E1001.08.1 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Result : Less than 20 ppm

Limit : 100 ppm

ppm = parts per million = mg/kg

Tested Component : Translucent plastic sheet (thermal lamination film scuff free matte OPP).

Date sample received : Nov 01, 2012

Testing period : Nov 01, 2012 to Nov 05, 2012

2 Phthalate Content Test

As per Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.3 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%. w/w)</u>	<u>Limit (%. w/w)</u> <u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	0.1

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

Tested Component : Translucent plastic sheet (thermal lamination film scuff free matte OPP) (8300SF).

Date sample received : Nov 01, 2012

Testing period : Nov 01, 2012 to Nov 06, 2012

End of report

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