



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T
TURT210008224
01-21

TEST REPORT

REPORT NUMBER : TURT210008224
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SAMPLE DESCRIPTION :

- Sample 1 One sample of Transparent Panel (%100 Virgin LDPE)
Sample 2 One sample of Transparent Panel (%100 Recycled LDPE Post-Consumer)
Sample 3 One sample of Transparent Panel (%100 Recycled LDPE Pre-Consumer)

DATE IN : 19 January ,2021 (15:20:00)
DATE OUT : 26 January ,2021

TEST	SAMPLE		
	1	2	3
Coneg (Toxic Elements Analysis)	P	P	P
Determination of Butylated Hydroxy Toluene (BHT)	NR	NR	NR
Polyvinyl Chloride (PVC) with FTIR	P	P	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / SR = SEE RESULT

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RESULTS
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Test Method	Results	Requirements
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Coneg (Toxic Elements Analysis)

IHTM AL.2.101 refer to IEC 62321

AS PER 94/62/EC & 2004/12/EEC Directive on Packaging and Waste;Acid Digestion Method was used and Total Toxic Elements and Hexavalent Chromium Content were determined by Inductively Coupled Plasma Optical Emission Spectrometer & UV-VIS Spectrophotometry

Sample 1

	Result	Detection Limit	Requirement
Lead (Pb)	Not Detected	2 ppm	TOTAL 100 ppm
Cadmium (Cd)	Not Detected	0.5 ppm	
Mercury (Hg)	Not Detected	1 ppm	
Chromium +VI (CrVI)	Not Detected	2 ppm	

ppm : part per million (mg/kg)

Estimated Total Uncertainty=(±8%)

Coneg (Toxic Elements Analysis)

IHTM AL.2.101 refer to IEC 62321

AS PER 94/62/EC & 2004/12/EEC Directive on Packaging and Waste;Acid Digestion Method was used and Total Toxic Elements and Hexavalent Chromium Content were determined by Inductively Coupled Plasma Optical Emission Spectrometer & UV-VIS Spectrophotometry

Sample 2

	Result	Detection Limit	Requirement
Lead (Pb)	Not Detected	2 ppm	TOTAL 100 ppm
Cadmium (Cd)	Not Detected	0.5 ppm	
Mercury (Hg)	Not Detected	1 ppm	
Chromium +VI (CrVI)	Not Detected	2 ppm	

ppm : part per million (mg/kg)

Estimated Total Uncertainty=(±8%)

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Test Method	Results	Requirements
Coneg (Toxic Elements Analysis)		
IHTM AL.2.101 refer to IEC 62321		
AS PER 94/62/EC & 2004/12/EEC Directive on Packaging and Waste;Acid Digestion Method was used and Total Toxic Elements and Hexavalent Chromium Content were determined by Inductively Coupled Plasma Optical Emission Spectrometer & UV-VIS Spectrophometry		
Sample 3		
	Result	Detection Limit
Lead (Pb)	Not Detected	2 ppm
Cadmium (Cd)	Not Detected	0.5 ppm
Mercury (Hg)	Not Detected	1 ppm
Chromium +VI (CrVI)	Not Detected	2 ppm
		TOTAL 100 ppm

ppm : part per million (mg/kg)

Estimated Total Uncertainty=(±8%)

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Test Method	Results	Requirements
Determination of Buthylated Hydroxy Toluene (BHT)		
INTERTEK IHTM AL.2.093 refer to ASTM D 4275 : 2017		
In House Test Metod By Gas Chromatography - Mass Spectrophotometry (GS-MS) Analysis		
	<u>Result</u>	
Sample 1	<1 ppm	No Requirement
Sample 2	<1 ppm	No Requirement
Sample 3	<1 ppm	No Requirement

ppm : Part per million (mg/kg)
Reporting Limit = 1 ppm
Estimated Total Uncertainty=(±5%)

Test Method	Results	Requirements
Polyvinly Chloride (PVC) with FTIR		
INTERTEK IHTM AL.2.024		
Detection of Polyvinly Chloride by FTIR		
	<u>Result</u>	
Sample 1	PVC WAS NOT DETECTED	TESTED COMPONENT MUST NOT CONTAIN PVC
Sample 2	PVC WAS NOT DETECTED	TESTED COMPONENT MUST NOT CONTAIN PVC
Sample 3	PVC WAS NOT DETECTED	TESTED COMPONENT MUST NOT CONTAIN PVC
Estimated Total Uncertainty=(±5%)		

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Sample 1



Sample 2



Sample 3



END OF TEST REPORT