

NUMBER : DELH21010261

TEST REPORT

DATE : 05TH AUG, 2021

APPLICANT: **DEE FIVE SHRINK INSULATIONS PVT LTD**
PLOT NO- 165, SECTOR- 17, HSIIDC FOOTWEAR PARK,
BAHADURGARH- 124507 (HARYANA)

ATTN: **MR. NEERAJ DHINGRA**

SAMPLE DESCRIPTION : THE SUBMITTED SAMPLE SAID TO BE – PVC SLEEVE

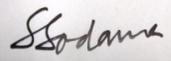
TESTED COMPONENT-
[1] PVC SLEEVE

DATE RECEIVED : 30TH JULY, 2021
BUYER'S NAME : --
BUYING AGENT/ CONTACT : --
ORDER NO. : --
STYLE NO./SAMPLE CODE : --
COLOR : BLUE
REF.NO./PART NO. : --
BATCH NO. : --
RAW MATERIAL : --
GRADE : --
END USE : --
SEASON : --
RAW MATERIAL SUPPLIER : DEE FIVE SHRINK INSULATIONS PVT LTD
MANUFACTURER'S NAME : --

TESTS CONDUCTED: AS PER THE REQUEST BY THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

REMARK: TESTED COMPONENT OF SUBMITTED SAMPLE MEETS THE REQUIREMENT OF ROHS ANNEX II OF 2011/65/EU.

PREPARED & CHECKED BY
For INTERTEK INDIA PVT. LTD



SANJAY SADANA
TECHNICAL MANAGER-HARDLINE



TEST REPORT

TESTS CONDUCTED

A) TEST RESULTS SUMMARY OF HEAVY METALS FOR RoHS DIRECTIVE 2011/65/EU:

<u>TESTING ITEM</u>	<u>RESULTS IN PPM</u> [1]
CADMIUM (Cd) CONTENT IN PPM	ND (<5)
LEAD (Pb) CONTENT IN PPM	ND (<5)
MERCURY (Hg) CONTENT IN PPM	ND (<5)
CHROMIUM (VI) CONTENT (BY ALKALINE DIGESTION ON NON-METAL IN PPM)	ND (<5)
CHROMIUM (VI) CONTENT IN $\mu\text{g}/\text{cm}^2$ (ON METAL)	--

Remark: ppm = PART PER MILION < = LESS THAN ND = NOT DETECTED

B) TEST METHOD:

<u>TESTING ITEM</u>	<u>TESTING METHOD</u>	<u>REPORTING LIMIT</u>
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321 -5:2013, BY MICROWAVE OR ACID DIGESTION AND DETERMINED BY ICP-OES	5 ppm
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321 -5:2013, BY MICROWAVE OR ACID DIGESTION AND DETERMINED BY ICP-OES	5 ppm
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321 -4:2013, BY MICROWAVE OR ACID DIGESTION AND DETERMINED BY ICP-OES	5 ppm
CHROMIUM (VI) CONTENT (FOR NON-METAL)	WITH REFERENCE TO IEC 62321-7-2: 2017, ORGANIC SOLVENT WAS USED TO DISSOLVE OR SWELL SAMPLE MATRIX, FOLLOWED BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER.	5 ppm

C) RoHS REQUIREMENT:

<u>RESTRICTED SUBSTANCES</u>	<u>LIMITS</u>
CADMIUM (Cd) CONTENT	100 ppm
LEAD (Pb) CONTENT	1000 ppm (40000 ppm FOR BRASS/COPPER MATERIAL) (3500 ppm FOR STEEL) (4000 ppm FOR ALUMINIUM)
MERCURY (Hg) CONTENT	1000 ppm
CHROMIUM (VI) CONTENT	1000 ppm



TEST REPORT

A] TEST RESULT SUMMARY OF BROMINATED FLAME RETARDANTS FOR RoHS DIRECTIVE 2011/65/EU:

<u>TESTING ITEM</u>	<u>RESULT IN PPM</u>
	[1]
POLYBROMINATED BIPHENYLS (PBBs) IN ppm	
MONOBROMOBIPHENYL (MonoBB)	ND (<5)
DIBROMOBIPHENYL (DiBB)	ND (<5)
TRIBROMOBIPHENYL (TriBB)	ND (<5)
TETRABROMOBIPHENYL (TetraBB)	ND (<5)
PENTABROMOBIPHENYL (PentaBB)	ND (<5)
HEXABROMOBIPHENYL (HexaBB)	ND (<5)
HEPTA BROMOBIPHENYL (HeptaBB)	ND (<5)
OCTABROMOBIPHENYL (OctaBB)	ND (<5)
NONA BROMOBIPHENYL (NonaBB)	ND (<5)
DECABROMOBIPHENYL (DecaBB)	ND (<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs) IN ppm	
MONOBROMODIPHENYL ETHER (MonoBDE)	ND (<5)
DIBROMODIPHENYL ETHER (DiBDE)	ND (<5)
TRIBROMODIPHENYL ETHER (TriBDE)	ND (<5)
TETRABROMODIPHENYL ETHER (TetraBDE)	ND (<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	ND (<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	ND (<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	ND (<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	ND (<5)
SUM OF NONABROMODIPHENYL ETHERS (NonaBDE)	ND (<5)
DECABROMODIPHENYL ETHER (DecaBDE)	ND (<5)

REMARK: < = LESS THAN ND = NOT DETECTED, ppm = PARTS PER MILLION; MIN DETECTION LIMIT = 5 ppm.

B] TEST METHOD:

<u>TESTING ITEM</u>	<u>TESTING METHOD</u>	<u>REPORTING LIMIT</u>
POLYBROMINATED BIPHENYLS (PBB) & POLYBROMINATED DIPHENYL ETHERS (PBDE)	"WITH REFERENCE TO IEC 62321-6:2015, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND FURTHER HPLC-DAD CONFIRMATION WHEN NECESSARY."	5 ppm

C) RoHS REQUIREMENT:

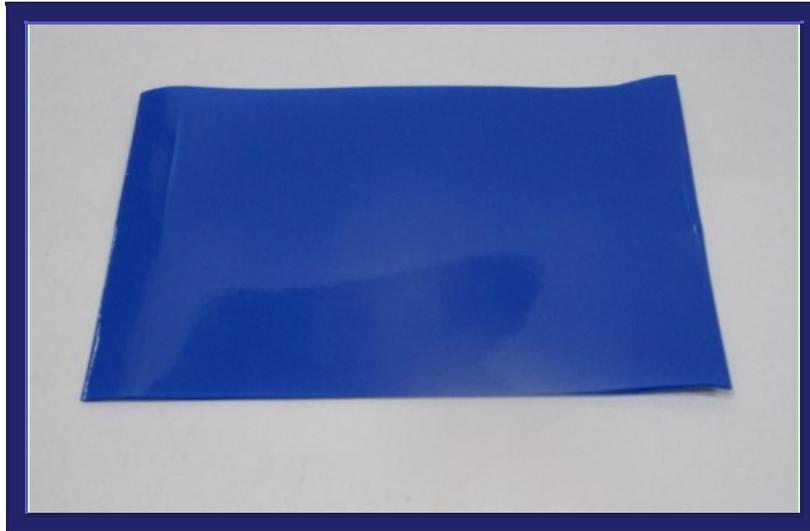
<u>RESTRICTED SUBSTANCES</u>	<u>LIMITS</u>
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL EHTERS (PBDEs)	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM ANNEX II OF 2011/65/EU AND AMENDMENT EU 2015/863 FOR HOMOGENEOUS MATERIAL.



TEST REPORT

PHOTO



END OF TEST REPORT

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