

TEST REPORT

ULR - TC690520000011177F

Page 1 of 1

T.C. No. : BZ9767

Date: 27-08-2020

Issued To. : M/s FLU-CON COMPONENTS PVT. LTD.
A/112,MIDC Phase-1, Road No.5 & 7, Dombivali(E), Dist.Thane,
Maharashtra-421 203

Party Ref.	: FC/QAQC/OG/LAB/20-21/012	Condition of Sample	: Plastic Sample
Ref. Date	: 13-08-2020		
Nature of Sample	: Nylon Molded Hexagonal Spacer. Batch No: 1921505490		
Specification	: --	Sample Received on	: 18-08-2020
Sample Drawn By	: Party	Date of Completion	: 27-08-2020
		Enclosure	: NIL
Test	: ROHS		

Sample Id Hexagonal SpacerM3 - 8 A/F FCM3HMF-10

I. Chemical Testing

1. Hazardous and Restricted Chemicals

ROHS TEST

Test Method : IEC 62321-3-1 2013

Equipment : PORTABLE XRF SPECTROMETER Make: Thermo Niton Model: XL2-800 Sr. No.: 91602

Test Location	: TCR ENGINEERING SERVICES PVT LTD. Mahape, Navi Mumbai
Test Purpose	: TO SCREEN FOR R.O.H.S. DIRECTIVE 2011/65/EU REQUIREMENTS (Amended Annexure II-Directive EU 2015/863 of 31st Mar 2015)

Screening limits in mg/kg for regulated elements in various matrices

Requirement	Hg	B r	P b	C r	C d
Polymer Materials	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (300-3\delta) < X$	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (700-3\delta) < X$	$P \leq (70-3\delta) < (130+3\delta) \geq F$
Metallic Materials	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	---	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (700-3\delta) < X$	$P \leq (70-3\delta) < (130+3\delta) \geq F$
Electronics	$P \leq (500-3\delta) < X < (1500+3\delta) \geq F$	$P \leq (250-3\delta) < X$	$P \leq (500-3\delta) < X < (1500+3\delta) \geq F$	$P \leq (500-3\delta) < X$	$LOD < X < (250+3\delta) \geq F$

RoHS Test findings

Sr.No	Name of the Analyte	Result	Test Method	Limits as per RoHS Directive	Conclusion
1	Cadmium(Cd) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013-	100 Max	Below Limit(P)
2	Lead(Pb) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013-	1000 Max.	Below Limit(P)
3	Mercury(Hg) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013-	1000 Max.	Below Limit(P)
4	Chromium(Cr) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013-	1000 Max.	Below Limit(P)

P =Pass (Below Limit) F =Fail (Over Limit) INC =Inconclusive Detection Limit 10 PPM

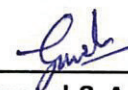
Remark: The above sample meets the specified requirements of ROHS directive 2011/65/EU & its subsequent amendments directives (Amended Annexure II-Directive EU 2015/863 of 31st Mar 2015) with respect to elements analysed.

Srs/-

CHECKED BY

Checked By

*****END OF REPORT*****


Reviewed & Authorised By
GANESH SONAWANE
(QAM)

TCR Engineering Services, India: Redefining On-Time Quality since 1973

A NABL/ISO/IEC 17025:2017 and BIS accredited Material Testing, Metallurgical Evaluation, Corrosion Testing, NDT/Inspection, Civil Audit, Engineering Consulting & Research Laboratory.

- The results that are reported in this Test Report only relate to the sample(s) provided and tested.
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TEST REPORT

ULR - TC690520000011178F

Page 1 of 1

T.C. No. : BZ9768

Date: 27-08-2020

Issued To. : M/s FLU-CON COMPONENTS PVT. LTD.

A/112, MIDC Phase-1, Road No.5 & 7, Dombivali(E), Dist.Thane,
Maharashtra-421 203

Party Ref. : FC/QAQC/OG/LAB/20-21/012

Condition of Sample : Plastic Sample

Ref. Date : 13-08-2020

Nature of Sample : Nylon Molded Hexagonal Spacer. Batch No: 1921505490

Specification : --

Sample Received on : 18-08-2020

Sample Drawn By : Party

Date of Completion : 27-08-2020

Enclosure : NIL

Test : ROHS

Sample Id : Hexagonal Spacer M3 - 8 A/F FCM3HFF-15

I. Chemical Testing

1. Hazardous and Restricted Chemicals

ROHS TEST

Equipment : PORTABLE XRF SPECTROMETER Make: Thermo Niton Model: XL2-800 Sr. No.: 91602

Test Location	:	TCR ENGINEERING SERVICES PVT LTD. Mahape, Navi Mumbai
Test Purpose	:	TO SCREEN FOR R.O.H.S. DIRECTIVE 2011/65/EU REQUIREMENTS (Amended Annexure II-Directive EU 2015/863 of 31st Mar 2015)

Screening limits in mg/kg for regulated elements in various matrices

Requirement	Hg	Br	Pb	Cr	Cd
Polymer Materials	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (300-3\delta) < X$	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (700-3\delta) < X$	$P \leq (70-3\delta) < (130+3\delta) \geq F$
Metallic Materials	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	---	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (700-3\delta) < X$	$P \leq (70-3\delta) < (130+3\delta) \geq F$
Electronics	$P \leq (500-3\delta) < X < (1500+3\delta) \geq F$	$P \leq (250-3\delta) < X$	$P \leq (500-3\delta) < X < (1500+3\delta) \geq F$	$P \leq (500-3\delta) < X$	$LOD < X < (250+3\delta) \geq F$

RoHS Test findings

Sr.No	Name of the Analyte	Result	Test Method	Limits as per RoHS Directive	Conclusion
1	Cadmium(Cd) in Mg/Kg(PPM)	Not Detected	IEC 62321-7-1 2015	100 Max	Below Limit(P)
2	Lead(Pb) in Mg/Kg(PPM)	Not Detected	IEC 62321-7-1 2015	1000 Max.	Below Limit(P)
3	Mercury(Hg) in Mg/Kg(PPM)	Not Detected	IEC 62321-7-1 2015	1000 Max.	Below Limit(P)
4	Chromium(Cr) in Mg/Kg(PPM)	Not Detected	IEC 62321-7-1 2015	1000 Max.	Below Limit(P)

P = Pass (Below Limit) F = Fail (Over Limit) INC = Inconclusive Detection Limit 10 PPM


Remark: The above sample meets the specified requirements of ROHS directive 2011/65/EU & its subsequent amendments directives (Amended Annexure II-Directive EU 2015/863 of 31st Mar 2015) with respect to elements analysed.

*****END OF REPORT*****

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TEST REPORT

ULR - TC690520000011179F

Page 1 of 1

T.C. No. : BZ9769
Date: 27-08-2020
Issued To. : M/s FLU-CON COMPONENTS PVT. LTD.
 A/112, MIDC Phase-1, Road No.5 & 7, Dombivali(E), Dist.Thane,
 Maharashtra-421 203

Party Ref. :	FC/QAQC/OG/LAB/20-21/012	Condition of Sample :	Plastic Sample
Ref. Date :	13-08-2020		
Nature of Sample :	Nylon Molded Hexagonal Spacer. Batch No: 1921505490		
Specification :	--	Sample Received on :	18-08-2020
Sample Drawn By :	Party	Date of Completion :	27-08-2020
		Enclosure :	NIL
Test :	ROHS		

Sample Id Hexagonal Spacer M5 - 12 A/F FCM5HMF-020

I. Chemical Testing

1. Hazardous and Restricted Chemicals

ROHS TEST

Equipment : PORTABLE XRF SPECTROMETER Make: Thermo Niton Model: XL2-800 Sr. No.: 91602

Test Location	: TCR ENGINEERING SERVICES PVT LTD. Mahape, Navi Mumbai
Test Purpose	: TO SCREEN FOR R.O.H.S. DIRECTIVE 2011/65/EU REQUIREMENTS (Amended Annexure II-Directive EU 2015/863 of 31st Mar 2015)

Screening limits in mg/kg for regulated elements in various matrices					
Requirement	Hg	Br	Pb	Cr	Cd
Polymer Materials	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (300-3\delta) < X$	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (700-3\delta) < X$	$P \leq (70-3\delta) < (130+3\delta) \geq F$
Metallic Materials	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	---	$P \leq (700-3\delta) < X < (1300+3\delta) \geq F$	$P \leq (700-3\delta) < X$	$P \leq (70-3\delta) < (130+3\delta) \geq F$
Electronics	$P \leq (500-3\delta) < X < (1500+3\delta) \geq F$	$P \leq (250-3\delta) < X$	$P \leq (500-3\delta) < X < (1500+3\delta) \geq F$	$P \leq (500-3\delta) < X$	$LOD < X < (250+3\delta) \geq F$

RoHS Test findings					
Sr.No	Name of the Analyte	Result	Test Method	Limits as per RoHS Directive	Conclusion
1	Cadmium(Cd) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013	100 Max	Below Limit(P)
2	Lead(Pb) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013	1000 Max.	Below Limit(P)
3	Mercury(Hg) in Mg/Kg(PPM)	Not Detected	IEC 62321-3-1 2013	1000 Max.	Below Limit(P)
4	Hexavalent Chromium [Cr(VI)] in Mg/Kg(PPM)			1000 Max.	
P =Pass (Below Limit) F =Fail (Over Limit) INC =Inconclusive Detection Limit 10 PPM					

Remark: The above sample meets the specified requirements of ROHS directive 2011/65/EU & its subsequent amendments directives (Amended Annexure II-Directive EU 2015/863 of 31st Mar 2015) with respect to elements analysed.

Srs/-



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