

GUANGZHOU JINGFENG NEW MATERIAL TECHNOLOGY CO.,LTD
ROOM 1202,NO.1630,JICHANG ROAD,BAIYUN DISTRICT, GUANGZHOU

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)Rubber Reinforcing Filler (B)TRANSPARENTZN 2# (C)Reinforcing filler

Division : Footwear

Material Name : (A)Rubber Reinforcing Filler (B)TRANSPARENTZN 2# (C)Reinforcing filler

Material No. : 1.Rubber Reinforcing Filler 2.TRANSPARENTZN 2# 3.A Reinforcing filler/Foaming Reinforcing filler

Material Composition : (A)ZINC OXIDE;(B)ZINC OXIDE;(C)ZINC OXIDE

Colors : (A)White Mealy;(B)White Mealy;(C)White Mealy

Age Grade : Children (36 months to 14 years),Adult (14 years and older)

Direct Skin Contact : Non Direct Skin Contact

Material Supplier : GUANGZHOU BAIYUN XINGGONG CHEMICAL LTD

Package Selection : Package 1

Packaged Test : I. Polymer

Water Repellent Finish(Optional Test with additional charge when requested by Asics) : Perfluorinated and Polyfluorinated Chemicals (PFCs)

Retest : Initial

Sample Receiving Date : Mar 12, 2024

Testing Period : Mar 12, 2024 - Mar 27, 2024

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant



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Conclusion		Remark
Chlorinated Paraffins	PASS	
Extractable Heavy Metal	PASS	
Nonylphenol (NP) & Nonylphenol Ethoxylate (NPEO)	PASS	
Organotin	PASS	
Phthalates	PASS	
Polycyclics Aromatic Hydrocarbons (PAHs)	PASS	
Total Heavy Metal Content	PASS	
Total Lead Content	PASS	
Total Organic Fluorine	PASS	

Remark(s) : PASS = Meets Client's Performance Standard.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



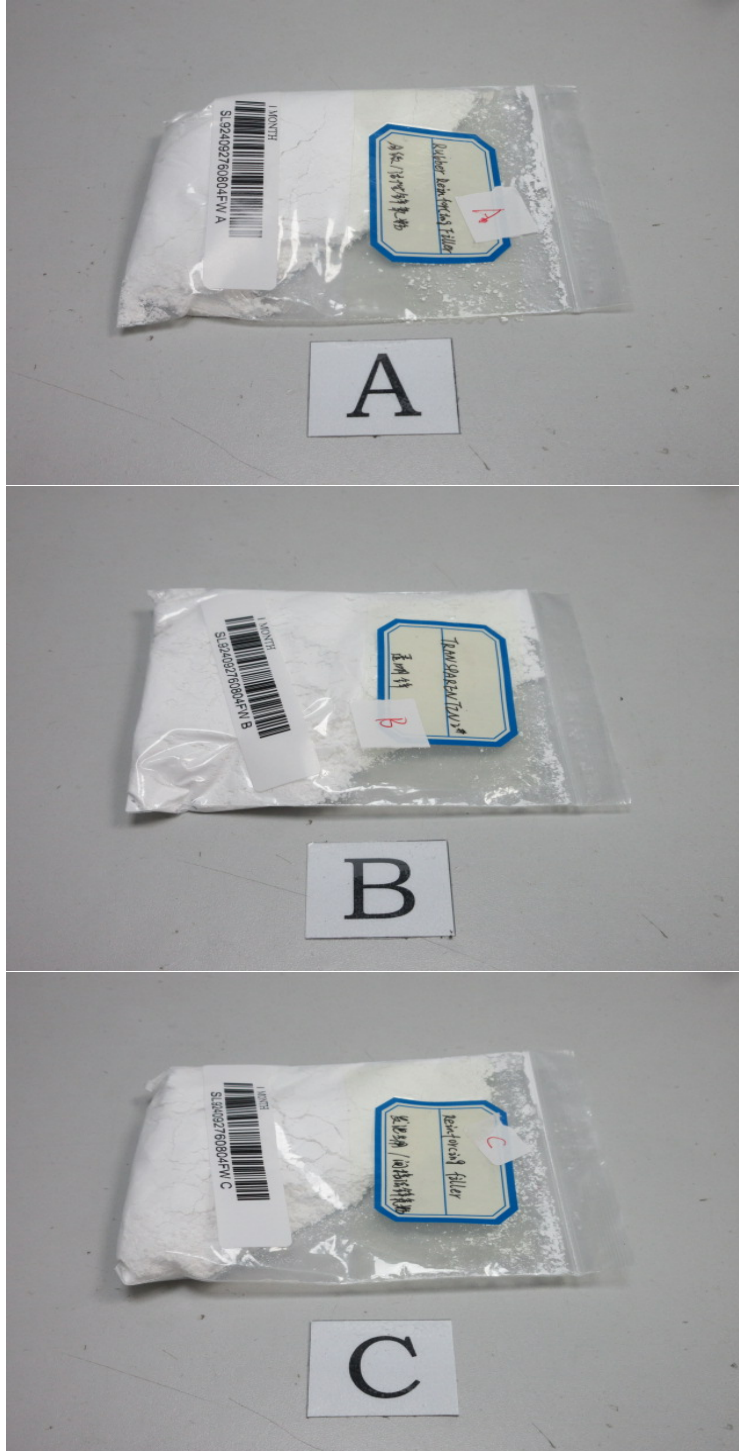
Koni zhang (Account Executive)



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Sample Photo



COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Powder	Powder	White	
B	2	Powder	Powder	White	
C	3	Powder	Powder	White	

Test Result

Total Lead Content

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by AAS/ICP-OES.

Test Item(s)	Unit(s)	RL	1+2+3	Req.
Lead (Pb)	mg/kg	10	23	90
Conclusion			Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Notes: (1) Composite test has been performed and the result is calculated using the minimum sample weight.

Chlorinated Paraffins

Test Method: With reference to ISO 22818:2021, analysis was performed by GC-NCI-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1+2+3	Req.
Short Chain Chlorinated Paraffin (SCCP)	85535-84-8	mg/kg	100	ND	1000
Medium Chain Chlorinated Paraffin (MCCP)	85535-85-9	mg/kg	100	ND	1000
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit



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Nonylphenol (NP) & Nonylphenol Ethoxylate (NPEO)

Test Method: NP: With reference to AFIRM RSL method by solvent extraction. Analysis was conducted by HPLC-MS.
 NPEO: With reference to EN ISO 18254-1:2016. Analysis was conducted by HPLC-MS.

Test Item(s)	Unit(s)	RL	1+2+3	Req.
Nonylphenol(NP)	mg/kg	3	ND	10
Nonylphenol ethoxylates (NPEOs)	mg/kg	20	ND	-
Sum of NP and NPEO	mg/kg	-	ND	100
Conclusion			Pass	

Remark: ND = Not Detected
 RL = Reporting Limit

Notes: (1) Confirmation was conducted by GC-MS where necessary.

Organotin

Test Method: With reference to CEN ISO/TS 16179:2012, analysis was performed by GC-MS.

Test Item(s)	Unit(s)	RL	1+2+3	Req.
Diocetyl tin (DOT)	mg/kg	0.10	ND	1.0
Dibutyl tin (DBT)	mg/kg	0.10	ND	1.0
Tributyl tin (TBT)	mg/kg	0.10	ND	0.5
Triphenyltin(TPhT)	mg/kg	0.10	ND	0.5
Conclusion			Pass	

Remark: ND = Not Detected
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Extractable Heavy Metal

Test Method: With reference to DIN EN 16711-2:2016, analysis was performed by ICP-MS and UV-Vis for Cr VI.

Test Item(s)	Unit(s)	RL	1+2+3	Req.
Antimony(Sb)	mg/kg	3.0	ND	30.0
Arsenic(As)	mg/kg	0.06	ND	0.2
Cadmium(Cd)	mg/kg	0.03	0.07	0.1
Lead(Pb)	mg/kg	0.06	ND	1.0
Mercury(Hg)	mg/kg	0.006	ND	0.02
Nickel(Ni)	mg/kg	0.1	ND	1.0
Chromium(Cr)	mg/kg	0.3	ND	N.A.
Hexavalent Chromium(Cr(VI))	mg/kg	0.3	ND	N.A.

Conclusion

See individual result Δ

Test Item(s)	Unit(s)	RL	1	2	3	Req.
Antimony(Sb)	mg/kg	3.0	ND	ND	ND	30.0
Arsenic(As)	mg/kg	0.06	ND	ND	ND	0.2
Cadmium(Cd)	mg/kg	0.03	0.08	0.08	0.08	0.1
Lead(Pb)	mg/kg	0.06	ND	ND	ND	1.0
Mercury(Hg)	mg/kg	0.006	ND	ND	ND	0.02
Nickel(Ni)	mg/kg	0.1	ND	ND	ND	1.0
Chromium(Cr)	mg/kg	0.3	ND	ND	ND	N.A.
Hexavalent Chromium(Cr(VI))	mg/kg	0.3	ND	ND	ND	N.A.
Conclusion			Pass	Pass	Pass	

Remark: ND = Not Detected
 RL = Reporting Limit
 See individual result Δ = Result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component has been carried out as requested to determine the compliance of each component to the requirement.



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Polycyclics Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1+2+3	Req.
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.20	ND	1
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.20	ND	1
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.20	ND	1
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.20	ND	1
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.20	ND	1
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.20	ND	1
Chrysene(CHR)	218-01-9	mg/kg	0.20	ND	1
Dibenzo(a,h)anthracene(DBA)	53-70-3	mg/kg	0.20	ND	1
Sum of BaP, BaA, CHR, BbF, BjF, BkF, BeP and DBA	-	mg/kg	-	ND	10
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Total Heavy Metal Content

Test Method: With reference to DIN EN 16711-1:2016, analysis was performed by ICP-OES/ICP-MS/AAS.

Test Item(s)	Unit(s)	RL	1+2+3	Req.
Cadmium (Cd)	mg/kg	5	ND	40
Conclusion			Pass	

Remark: ND = Not Detected
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Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1+2+3	Req.
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	mg/kg	50	ND	500
Di-n-octyl Phthalate (DNOP)	117-84-0	mg/kg	50	ND	500
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	50	ND	500
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	mg/kg	50	ND	500
Benzylbutyl Phthalate (BBP)	85-68-7	mg/kg	50	ND	500
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	50	ND	500
Diisobutyl Phthalate (DIBP)	84-69-5	mg/kg	50	ND	500
Di-n-hexyl Phthalate (DnHP)	84-75-3	mg/kg	50	ND	500
Diethyl Phthalate (DEP)	84-66-2	mg/kg	50	ND	500
1,2-benzenedicarboxylic acid; Di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	mg/kg	50	ND	500
Dimethoxyethyl Phthalate (DMEP)	117-82-8	mg/kg	50	ND	500
Diisopentylphthalate (DIPP)	605-50-5	mg/kg	50	ND	500
SUM_12	-	mg/kg	-	ND	1000
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Total Organic Fluorine

Test Method: With reference to EN 14582:2016 with aqueous solution pretreatment, analysis was performed by IC.

Test Item(s)	Unit(s)	RL	1	Req.
Fluorine Content	mg/kg	50	ND	100
Conclusion			Pass	

Test Item(s)	Unit(s)	RL	2	Req.
Fluorine Content	mg/kg	50	ND	100
Conclusion			Pass	

Test Item(s)	Unit(s)	RL	3	Req.
Fluorine Content	mg/kg	50	ND	100
Conclusion			Pass	

Remark: ND = Not Detected
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Notes: (1) In case positive result(s) is/are obtained, further test of individual PFAS is recommended to verify the actual PFAS substances concentration in the tested sample(s).



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Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



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