

Name: Shanghai Zhongcai Testing Technology Co., Ltd.

Address: Building 6, No.3258, Shenzhuan Road, Sheshan, Songjiang District, Shanghai, China

Registration No. CNAS L14419

Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2021-03-01 Expiry Date: 2027-02-28

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
Not grouped						
1	bitumen	1	Penetration	Standard test method for penetration of bitumen GB/T 4509-2010		2021-03-01
2	Adhesives and sealants	1	density	Test method for density of adhesives in fluid form-Method of weight cup GB/T 13354-92		2021-03-01
				Test method for building sealants-Part2: Determination of density GB/T 13477.2-2018 7.3	only metal frame method	2021-03-01
		2	nonvolatile content	Test method for nonvolatile content of adhesives GB/T 2793-1995		2021-03-01
				Adhesives for polymer waterproof sheets JC/T 863-2011 6.8		2021-03-01
		3	viscosity	Determination for viscosity of adhesives-Single cylinder rotational viscometer method GB/T 2794-2013		2021-03-01
Adhesives for polymer waterproof sheets JC/T 863-2011 6.7				2021-03-01		



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		4	tack	Test method for tack of pressure sensitive adhesive tapes by rolling ball GB/T 4852-2002 7	only method A	2021-03-01
		5	static shear adhesion	Measurement of static shear adhesion for adhesive types GB/T 4851-2014 5.11	only method A and G	2021-03-01
				Butyl rubber adhesive tape for waterproof and sealing JC/T 942-2004 6.4		2021-03-01
		6	peel strength	Butyl rubber adhesive tape for waterproof and sealing JC/T 942-2004 6.8		2021-03-01
				Adhesives, T peel strength test method for a flexible-to-flexible test specimen assembly GB/T 2791-1995		2021-03-01
				Measurement of peel adhesion properties for adhesive tapes GB/T 2792-2014		2021-03-01
				Adhesives for polymer waterproof sheets JC/T 863-2011 6.11		2021-03-01
		7	heat resistance	Butyl rubber adhesive tape for waterproof and sealing JC/T 942-2004 6.5		2021-03-01
		8	low- temperature flexibility	Butyl rubber adhesive tape for waterproof and sealing JC/T 942-2004 6.6		2021-03-01
				Test method for building sealants-Part7: Determination of low-temperature flexibility GB/T 13477.7-2002		2021-03-01
		9	peel strength retention rate	Butyl rubber adhesive tape for waterproof and sealing JC/T 942-2004 6.9		2021-03-01
				Adhesives for polymer waterproof sheets JC/T 863-2011 6.11		2021-03-01
		10	shear adhesion	Butyl rubber adhesive tape for waterproof and sealing JC/T 942-2004 6.7		2021-03-01
				Adhesives for polymer waterproof sheets JC/T 863-2011 6.10		2021-03-01
		11	shear adhesion retention rate	Adhesives for polymer waterproof sheets JC/T 863-2011 6.10		2021-03-01

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№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
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		12	VOC	Determination of the emissions of volatile organic compounds for adhesive -Bag method GB/T 36803-2018		2021-03-01
		13	extrudability	Test method for building sealants-Part3: Determination of extrudability of sealants using standardized apparatus GB/T 13477.3-2017		2021-03-01
				Test method for building sealants-Part4: Determination of extrudability of one-component sealants GB/T 13477.4-2017		2021-03-01
		14	flow	Test method for building sealants-Part6: Determination of flow GB/T 13477.6-2002 6.1	only vertical flow	2021-03-01
		15	tensile properties	Test method for building sealants-Part8: Determination of tensile properties GB/T 13477.8-2017		2021-03-01
		16	adhesion/cohesion properties after immersion in water	Test method for building sealants-Part9: Determination of adhesion/cohesion properties after immersion in water GB/T 13477.9-2017		2021-03-01
		17	tensile properties at maintained extension	Test method for building sealants-Part10: Determination of tensile properties at maintained extension GB/T 13477.10-2017		2021-03-01
		18	tensile properties at maintained extension after immersion in water	Test method for building sealants-Part11: Determination of tensile properties at maintained extension after immersion in water GB/T 13477.11-2017		2021-03-01
		19	formaldehyde	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives GB 18583-2008 Appendix A		2021-03-01
		20	benzene	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives GB 18583-2008 Appendix B		2021-03-01
		21	toluene,xylene	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives GB 18583-2008 Appendix C		2021-03-01
		22	toluene diisocynate	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives GB 18583-2008 Appendix D		2021-03-01



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3	electrical and electronic products	23	halohydrocarbon	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives GB 18583-2008 Appendix E		2021-03-01
		24	TVOCs	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives GB 18583-2008 Appendix F		2021-03-01
		1	lead,cadmium,mercury,total chromium,bromine	Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry IEC 62321-3-1-2013		2021-03-01
				Electrical and electronic products-Determination of six regulated substances(lead,mercury,cadmium,hexavalent chromium,polybrominated biphenyls,polybrominated diphenyl ethers) GB/T 26125-2011 6		2021-03-01
		2	mercury	Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS IEC 62321-4:2017 7.2,8.2 c)	only microwave digestion and ICP-OES method	2021-03-01
				Electrical and electronic products-Determination of six regulated substances(lead,mercury,cadmium,hexavalent chromium,polybrominated biphenyls,polybrominated diphenyl ethers) GB/T 26125-2011 7.4.3,7.5.2 c)	only microwave digestion and ICP-OES method	2021-03-01
		3	lead,cadmium,chromium	Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS IEC 62321-5:2013 7.1.4,8.3 a)	only microwave digestion and ICP-OES method	2021-03-01



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		4	lead,cadmium	Electrical and electronic products-Determination of six regulated substances(lead,mercury,cadmium,hexavalent chromium,polybrominated biphenyls,polybrominated diphenyl ethers) GB/T 26125-2011 8.4.2.3,8.5.2 a)	only microwave digestion and ICP-OES method	2021-03-01
		5	Hexavalent chromium	Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method IEC 62321-7-2:2017 7.2	only for insoluble/unknown polymers and electronics without Sb	2021-03-01
				Electrical and electronic products-Determination of six regulated substances(lead,mercury,cadmium,hexavalent chromium,polybrominated biphenyls,polybrominated diphenyl ethers) GB/T 26125-2011 Appendix C		2021-03-01
		6	Polybrominated biphenyls, polybrominated diphenyl ethers	Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS) IEC 62321-6:2015		2021-03-01
				Electrical and electronic products-Determination of six regulated substances(lead,mercury,cadmium,hexavalent chromium,polybrominated biphenyls,polybrominated diphenyl ethers) GB/T 26125-2011 Appendix A		2021-03-01
		7	Phthalate(DBP、BBP、DEHP、DIBP、DNOP、DIDP、DINP)	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS) IEC 62321-8:2017 5.1,6.1,7.2,8.1.2,8.2.1,8.3.1,8.5.1,9.1	only GC-MS method	2021-03-01



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4	rubber	1	density	Rubber,vulcanized or thermoplastic-Determination of density GB/T 533-2008 9.2	method A	2021-03-01
		2	ash	Rubber-Determination of ash-Part1:Muffle furnace method GB/T 4498.1-2013	Direct ashing method	2021-03-01
		3	thickness	Rubber-General procedures for preparing and conditioning test pieces for physical test methods GB/T 2941-2006 7.1,7.2,7.3	method A,B,C	2021-03-01
		4	tensile strength, elongation at breaking	Rubber,vulcanized or thermoplastic-Determination of tensile stress-strain properties GB/T 528-2009 13.1	only type 1 and type 2	2021-03-01
		5	tear strength	Rubber,vulcanized or thermoplastic-Determination of tear strength(Trouser,angle and crescent test pieces) GB/T 529-2008	only trouser and angle test pieces	2021-03-01
5	damping materials	1	damping properties	Damping materials-Test method for damping properties GB/T 18258-2000	only type b test piece	2021-03-01
				Acoustics-Flexural resonance testing method for damping properties of acoustical materials GB/T 16406-1996	method A	2021-03-01
		2	density	Determination of density and relative density for chemical products GB/T 4472-2011 4.2.3	hydrostatic weighing method	2021-03-01
6	Non-metallic materials and products of motor vehicles	1	flammability	Flammability of automotive interior materials GB 8410-2006		2021-03-01
		2	Fogging Characteristics	Fogging Characteristics of Trim Materials GMW 3235:2016 4.3.2	only method B	2021-03-01
		3	Formaldehyde	Determination of Formaldehyde from Vehicle Interior with Modified Flask Method VDA 275-1994		2021-03-01
		4	VOC,SVOC	Determination of Volatile and Semi-Volatile Organic Compounds from Vehicle Interior Materials GMW15634:2020		2021-03-01
		5	Aldehyde and Ketone Emissions	Determination of Aldehyde and Ketone Emissions from Interior Materials GMW15635:2020		2021-03-01



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		6	tatal carbon emmision	Determiation of Organic Emission of Non-metallic materials from vehicles Interior VDA277-1995		2021-03-01
		7	mercury	Test methods of mercury in automobiles materials QC/T 941-2013 3,4.4.2.2,4.5.4.3	XRF,micro wave digestion and ICP-OES only	2021-03-01
		8	lead,cadmium	Test methods of lead and cadmium in automobiles materials QC/T 943-2013 3,5.5.4.2,5.5.4.3c),5.5.4.4b)	XRF,micro wave digestion and ICP-OES only	2021-03-01
		9	Hexavalent chromium	Test methods of hexavalent chromium in automobiles materials QC/T 942-2013 3,6	only for polymers and electronics	2021-03-01
		10	Polybrominated biphenyls, polybrominated diphenyl ethers	Test methods of polybrominated biphenys and polybrominated diphenyl ethers in automotive materials QC/T 944-2013		2021-03-01



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