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中国认可
国际互认
检测
TESTING
CNAS L3370

检 验 报 告

INSPECTION REPORT

No. A34915F202510222

产品名称: 板式橡胶支座
Sample Description: Elastomeric Laminated Bearing Pad

委托单位: 衡水京通工程橡胶有限公司
Applicant: HENGSHUI JINGTONG RUBBER CO., LTD

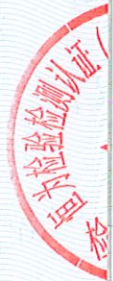
检验类别: 型式检验
Inspection Category: Type Inspection

国家工程橡胶产品质量检验检测中心(河北)
恒为检验检测认证(河北)集团有限公司



National Engineering Rubber Products Quality Inspection and Testing Center (Hebei)
HENGWEI Inspection, Testing and Certification (Hebei) Group Co., LTD

防伪码: FHVPOV



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产品名称 Sample Description	板式橡胶支座 Elastomeric Laminated Bearing Pad	检验类别 INSPECTION REPORT	型式检验 Type Inspection
委托单位 Applicant	衡水京通工程橡胶有限公司 HENGSHUI JINGTONG RUBBER CO., LTD	委托人 Client	张书栋 Shudong Zhang
工程名称 Project Name	---	商 标 Brand	---
监理单位 Supervision Unit	---	见 证 人 Witness	---
生产单位 Manufacturer	衡水京通工程橡胶有限公司 HENGSHUI JINGTONG RUBBER CO., LTD	施工 单 位 Construction unit	---
型号规格 Model Type	GBZY 200×42 /GBZYH 200×44	生产日期/批号 Date of Manufacturer & Serial No.	样品数量 Sample Quantity
样品信息 Sample Information	---		
收样日期 Receiving Date of Sample(s)	2025-10-16	检 验 时 间 Inspection Date	2025-10-17至2025-10-30 2025-10-17to2025-10-30
样品描述 Description of Sample(s)	表面无气泡、缺胶、划痕、裂纹等缺陷 The surface shall be free from defects such as bubbles, lack of adhesive, scratches, cracks, etc.	样 品 来 源 Sample Source	送样 Sample presented by the client
主 检 设 备 Main Inspection Instruments	YAJ-200T微机控制电液伺服压缩剪切试验机, YAJ-200T Microcomputer Controlled Electro-hydraulic Servo Compression-Shearing Testing Machine, SYWY-2000J微机控制电液伺服压缩剪切试验机, SYWY-2000J Microcomputer Controlled Electro-hydraulic Servo Compression-Shearing Testing Machine, RLH-280热老化试验箱 RLH-280 Thermal Aging Test Chamber, YJW-5000型电液伺服橡胶支座压缩剪切试验机, YJW-5000 Electro-hydraulic Servo Compression-Shearing Testing Machine For Rubber Bearing		
试验温度 Inspection Temperature	23℃	试 验 湿 度 Inspection	/
检 验 项 目 Inspection Items	1#~12#外观质量Appearance quality, 1#~12#平面尺寸偏差Dimensional deviation, 1#~12#厚度偏差 Thickness deviation, 1#~3#抗压弹性模量 Modulus of elasticity, 4#~6#抗剪弹性模量Shear modulus, 1#~3#极限抗压强度 Ultimate compressive strength, 4#~6#老化后抗剪弹性模量Shear modulus after aging, 7#~12#抗剪黏结性能Shear bond strength, 1#~3#转角（混凝土桥）Rotation angle (concrete bridge)、13#内在质量（锯开后胶层 厚度）Internal quality (elastomer layer thickness)), 14#~16#外观质量Appearance quality, 14#~16#平面尺寸偏差Dimensional deviation, 14#~16 #厚度偏差Thickness deviation, 14#~16#抗压弹性模量Compressive modulus, 14#~16#摩擦系数Friction coefficient, 14#~16#极限抗压强度Ultimate compressive strength		
检验依据 Inspection Basis	JT/T 4-2019		
判定依据 Judgment Basis	JT/T 4-2019		
检 验 结 论 Inspection Conclusion	该样品经检验, 所检项目符合JT/T 4-2019标准要求 The sample was tested, and the inspected items met the requirements of JT/T 4-2019. <div style="text-align: center;"> (检验检测专用章) (Inspection and Testing Stamp) 签发日期 (Date of Issue): 2025-11-19</div>		
备 注 Remarks	结果仅适用于收到样品。The results are only applicable to the samples received.		

批准 屈建彬
(Approved by): 屈建彬

审核 金灿
(Verified by): 金灿

主检 姚帅
(Chief tester): 姚帅

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1	1#~12#外观 质量 Appearance quality	/	<p>气泡、杂质总面积不应超过支座平面面积的0.1%，且每一处气泡、杂质面积不应大于50mm²，最大深度不应超过2mm。当支座平面面积小于0.15m²时，凹凸不平不应多于两处，且每处凹凸高度不应超过0.5mm，面积不应超过6mm²。不允许侧面裂纹、钢板外露。不允许掉块、崩裂、机械损伤。支座表面平整度应不大于平面最大长度的0.4%</p> <p>The total area of air bubbles and impurities shall not exceed 0.1% of the bearing's planar area. Additionally, the area of each individual air bubble or impurity shall not be greater than 50 mm², and the maximum depth shall not exceed 2 mm.</p> <p>Where the bearing's planar area is less than 0.15 m², the number of uneven spots shall not exceed two. Moreover, the height of each uneven spot shall not exceed 0.5 mm, and the area of each spot shall not exceed 6 mm².</p> <p>Cracks on the side surfaces and exposure of steel plates shall not be permitted.</p> <p>Chipping, spalling, and mechanical damage shall not be permitted.</p> <p>The surface unevenness of the bearing shall not be greater than 0.4% of the maximum length of the plane.</p>	<p>1#~12# 无气泡、无杂质；无凹凸不平；侧面无裂纹、钢板无外露；无掉块、无崩裂、无机械损伤；表面平整度为平面最大长度的</p> <p>1#0.1% 2#0.1% 3#0.1% 4#0.1% 5#0.1% 6#0.1% 7#0.1% 8#0.1% 9#0.1% 10#0.1% 11#0.1% 12#0.1%</p> <p>1# to 12# are free of bubbles and impurities; no unevenness; no cracks on the side and no exposed steel plate; no chipping, no cracking, and no mechanical damage; the surface unevenness is 0.1% of the maximum length of the plane for each of 1#, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#, 10#, 11# and 12#.</p>	/	合格 Qualified

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2	1#~12#平面 尺寸偏差 Dimensional deviation	mm	200 ⁺² ₀	1# 200 201 2# 200 200 3# 200 200 4# 201 201 5# 201 201 6# 201 201 7# 200 200 8# 200 200 9# 200 200 10# 200 201 11# 200 201 12# 200 200	/	合格 Qualified
3	1#~12#厚度 偏差 Thickness deviation	mm	42 ⁺¹ ₀	1# 42 42 42 42 2# 42 42 42 42 3# 43 42 43 43 4# 43 43 43 43 5# 42 42 42 42 6# 42 42 42 42 7# 42 42 42 42 8# 43 43 43 43 9# 42 42 42 42 10# 42 42 42 42 11# 42 43 43 42 12# 42 42 42 42	/	合格 Qualified
4	1#~3#抗压弹 性模量 Modulus of elasticity	MPa	487 ± 487 × 20%	1# 572.3 2# 551.3 3# 558.6	1# 18 2# 13 3# 15	合格 Qualified

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5	4#~6#抗剪弹性模量 Shear modulus	MPa	1.0±1.0×15%	4#-5# 1.12 4#-6# 1.10 5#-6# 1.13	4#-5# 12 4#-6# 10 5#-6# 13	合格 Qualified
6	1#~3#极限抗压强度 Ultimate compressive strength	/	<p>≥70MPa支座侧面凸鼓沟纹应均匀，不应出现橡胶开裂、脱胶和其他粘接缺陷。</p> <p>For bearings with a pressure rating of ≥70MPa, The convex groove patterns on the side of the support shall be uniform, and there shall be no rubber cracking, debonding or other bonding defects.</p>	<p>1# 70.1MPa、 2# 70.1MPa、 3# 70.1MPa支座侧面凸鼓沟纹均匀，无橡胶开裂、脱胶和其他粘接缺陷。</p> <p>1# 70.1MPa、 2# 70.1MPa、 3# 70.1MPa: The convex groove patterns on the side of the support are uniform, with no rubber cracking, debonding or other bonding defects.</p>	/	合格 Qualified

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7	4#~6#老化后 抗剪弹性模量 Shear modulus after aging	MPa	4#-5# $1.12 \pm 1.0 \times 15\%$ 4#-6# $1.10 \pm 1.0 \times 15\%$ 5#-6# $1.13 \pm 1.0 \times 15\%$	4#-5# 1.24 4#-6# 1.20 5#-6# 1.22	4#-5# 12 4#-6# 10 5#-6# 9	合格 Qualified
8	7#~12#抗剪 黏结性能 Shear bond strength	/	2MPa应无橡胶开裂和脱胶现象 At 2MPa, it shall be free from rubber cracking and adhesive failure.	7#-8# 2MPa无橡胶 开裂和脱胶现象 9#-10# 2MPa无橡 胶开裂和脱胶现象 11#-12# 2MPa无橡 胶开裂和脱胶现象 7#-8#: Free from rubber cracking and adhesive failure at 2MPa 9#-10#: Free from rubber cracking and adhesive failure at 2MPa 11#-12#: Free from rubber cracking and adhesive failure at 2MPa	/	合格 Qualified

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9	1#~3#转角 (混凝土桥) Rotation angle (concrete bridge)	/	$\geq 1/300$ 应不脱空 $\geq 1/300$: Shall be free from voids	1#-2# 1/299不脱 空 1#-3# 1/297不脱 空 2#-3# 1/298不脱 空 1#-2# 1/299 does not leave empty 1#-3# 1/297 does not leave empty 2#-3# 1/298 does not leave empty	/	合格 Qualified
10	13#内在质量 (锯开后胶层 厚度) Internal quality (elastomer layer thickness)	mm	胶层厚度应均匀，中间胶层 厚度允许偏差为 5 ± 0.4 (mm)；上下保护层厚度偏差 为 $2.5^{+0.5}_0$ (mm)。 The thickness of the rubber layer should be even, and the allowable deviation of the thickness of the middle rubber layer is 5 ± 0.4 mm. The thickness deviation of the upper and lower protective layers is $2.5^{+0.5}_0$ (mm)	胶层厚度均匀，中 间胶层厚度为 5.2mm；上保护层 厚度为2.6mm；下 保护层厚度为 2.7mm The thickness of the rubber layer is even, and the thickness of the middle rubber layer is 5.2mm. The thickness of the upper protective layer is 2.6mm. The thickness of the lower protective layer is 2.7mm.	/	合格 Qualified

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11	14#~16#外观 质量 Appearance quality	/	<p>气泡、杂质总面积不应超过支座平面面积的0.1%，且每一处气泡、杂质面积不应大于50mm²，最大深度不应超过2mm。当支座平面面积小于0.15m²时，凹凸不平不应多于两处，且每处凹凸高度不应超过0.5mm，面积不应超过6mm²。不允许侧面裂纹、钢板外露。不允许掉块、崩裂、机械损伤。支座表面平整度应不大于滑板平面最大长度的0.2%。滑板表面应光滑、平整，不应有裂纹、气泡、分层和机械损伤；不允许有划痕、碰伤、敲击痕迹。滑板与支座粘贴错位不应超过橡胶支座直径尺寸的0.5%。</p> <p>Total area of bubbles and impurities shall not exceed 0.1% of the planar area of the bearing, and the area of each individual bubble or impurity shall not be greater than 50mm² with a maximum depth not exceeding 2mm. When the planar area of the bearing is less than 0.15m², there shall be no more than two uneven spots. Each uneven spot shall have a height not exceeding 0.5mm and an area not exceeding 6mm². Side cracks and exposed steel plates are not allowed. Chipping, spalling and mechanical damage are not allowed. The surface unevenness of the bearing shall not exceed 0.2% of the maximum length of the sliding plate surface. The sliding plate surface shall be smooth and flat, free from cracks, bubbles, delamination and mechanical damage. Scratches, bumps and knocking marks are not allowed. The bonding misalignment between the sliding plate and the bearing shall not exceed 0.5% of the diameter of the rubber bearing.</p>	<p>14#~16# 无气泡、无杂质；无凹凸不平；侧面无裂纹、钢板无外露；无掉块、无崩裂、无机机械损伤；表面平整度为滑板平面最大长度的 14#0.1% 15#0.1% 16#0.1%； 滑板表面光滑、平整，无裂纹、气泡、分层和机械损伤；滑板表面无划痕、碰伤、敲击痕迹；滑板与橡胶支座无明显错位 14#~16#：Free from bubbles and impurities；no unevenness；no side cracks or exposed steel plates；no chipping, spalling or mechanical damage. 14#：0.1% 15#：0.1% 16#：0.1% Sliding plate surface shall be smooth and flat, free from cracks, bubbles, delamination and mechanical damage. No scratches, bumps or knocking marks on the sliding plate surface；no obvious misalignment between the sliding plate and the rubber bearing.</p>	/	合格 Qualified

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12	14#~16#平面 尺寸偏差 Dimensional deviation	mm	200^{+2}_0	14# 201 201 15# 201 201 16# 201 201	/	合格 Qualified
13	14#~16#厚度 偏差 Thickness deviation	mm	44^{+1}_0	14# 44 45 45 44 15# 44 44 44 44 16# 44 44 44 44	/	合格 Qualified
14	14#~16#抗压 弹性模量 Compressive modulus	MPa	$487 \pm 487 \times 20\%$	14# 571.3 15# 562.4 16# 544.9	14# 17 15# 15 16# 12	合格 Qualified
15	14#~16#摩擦 系数Friction / coefficient	/	≤ 0.03	14#-15# 0.01 14#-16# 0.01 15#-16# 0.01	/	合格 Qualified

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16	14#~16#极限 抗压强度 Ultimate compressive strength	/	<p>≥70MPa支座侧面凸鼓沟纹应均匀，不应出现橡胶开裂、脱胶和其他粘接缺陷。 For bearings with a pressure rating of ≥70MPa, The convex groove patterns on the side of the support shall be uniform, and there shall be no rubber cracking, debonding or other bonding defects.</p>	<p>14# 70.1MPa、 15# 70.1MPa、 16# 70.1MPa 支座侧面凸鼓沟纹均匀，无橡胶开裂、脱胶和其他粘接缺陷。 14# 70.1MPa、 15# 70.1MPa、 16# 70.1MPa: The convex groove patterns on the side of the support are uniform, with no rubber cracking, debonding or other bonding defects.</p>	/	合格 Qualified
<p>以下空白 Blank below</p>						

注 意 事 项

1. 检验报告无“检验检测专用章”和骑缝章无效。
2. 检验报告无主检、审核、批准人签字无效。
3. 检验报告涂改无效。
4. 复制检验报告未重新加盖“检验检测专用章”和骑缝章无效。
5. 对检验报告若有异议，应于收到检验报告或结果通知十五日内向检验机构或有关部门书面提出，逾期提出无效。
6. 委托方将样品送到检验机构检验时，样品及其信息的真实性由委托方负责，检验机构仅对样品检验结果的准确性负责。

邮寄地址：河北省衡水市高新区橡塑路12号

邮政编码：053000

联系电话：0318-2143001

传 真：0318-2142339

检验地址：本单位检验活动涉及七个地址，具体为：

地址1：河北省衡水市高新区橡塑路12号（检验一、二、三、四区）；

地址2：河北衡水市桃城区邓庄乡武家庄村（检验五区）；

地址3：河北衡水市北方工业园区橡塑路16号（检验六区）；

地址4：河北省衡水桃城区北方工业基地园区东路9号（检验八区）；

地址5：河北衡水市北方工业园区橡塑路5号(检验七区)；

地址6：河北省衡水市冀州区高新技术产业开发区南区迎宾路南侧纬一路东侧(检验十五区)；

地址7：河北省衡水市高新区北方工业园区工业大街88-8号（检验十六区）。

Notes

1. The report is invalid without “Inspection and Testing Stamp” and the seal perforation.
2. The report is invalid without signatures of teater, anditor or approver.
3. The report is invalid if altered.
4. The duplicated inspection report is invalid without the “Inspection and Testing Stamp” and the re-seal on the perforation.
5. If you have any objections to the inspection report, please proposed in writing to the inspection agency or relevant department within 15 days of receiving the report or natification result.
6. When the client sends samples to the inspection agency, the client is responsible for only the authenticity of the sample and its information, the agency is only responsible for the accuracy of the sample inpection results.

Mailing Address: No.12 Xiangsu Road, High-tech Zone, Hengshui City, Hebei Province, China

Post Code: 053000

Tel: 0318-2143001

Fax: 0318-2142339

Inspection address: The inspection activities of the unit involve seven addresses, specifically:

- Add. 1: No. 12, Xiangsu Road, High-tech Zone, Hengshui City, Hebei Province, China.
(Inspection Area 1, 2, 3 and 4)
- Add. 2: Wujiazhuang, Dengzhuang, Taocheng District, Hengshui City, Hebei Province, China.
(Inspection Area 5)
- Add. 3: No. 16, Xiangsu Road, North Industrial Zone, Hengshui City, Hebei Province, China.
(Inspection Area 6)
- Add. 4: No. 9, East Road, North Industrial Base Zone, Taocheng District, Hengshui City, Hebei Province, China. (Inspection Area 8)
- Add. 5: No. 5, Xiangsu Road, North Industrial Zone, Hengshui City, Hebei Province, China.
(Inspection Area 7)
- Add. 6: South of Yingbin Road and east of Weiyi Road, South District, High-tech Industrial Development Zone, Jizhou District, Hengshui City, Hebei Province, China.
(Inspection Area 15)
- Add. 7: No. 88-8, Industrial Street, Northern Industrial Park, High-tech Zone, Hengshui City, Hebei Province, China. (Inspection Area 16)

