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The technical parameters provided in this catalog are for reference only and are subject to change without notice. For specific details, please refer to the product's technical data sheet.



扫一扫 了解更多资讯

Ancham®



安川新材

Ancham New Material

粘接 / 密封 / 导热 / 灌封 / 三防保护 / 阻焊

Bonding / Sealing / Thermal / Potting / Coating / Solder Mask

消费电子 / 汽车 / 新能源 / 通信 / 半导体封装

Electronics / Automotive / New Energy / Telecom / Semiconductor



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企业使命： 材料改变生活。

Core Values: Quality First | Customer First | People-Oriented | Benefiting Society.

Enterprise Vision: Leading Adhesive Technology.

Enterprise Mission: Transforming Life Through Innovative Materials.

安若磐石 海纳百川

Being Firm as Rock Flows Endlessly

安川以安全易用的产品为技术追求目标， 以开放、 合作的态度面对市场的无限机遇。

Ancham pursues the goal of technology with safe and easy-to-use products.

We face unlimited opportunities in the market with an open and cooperative attitude.

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关于安川 / ABOUT US

安川新材 (Ancham New Material) 位于广东东莞，集研发、生产、销售于一体，立足电子胶粘剂领域，致力于高分子胶粘材料的研发、生产和销售。安川组建了经验丰富的产品开发和应用技术团队，为全球客户提供专业的研发和技术支持。安川以“材料改变生活”为使命，矢志推动高端电子胶粘剂的国产化发展。

安川产品聚焦于粘接、密封、导热、灌封、三防&保护五大应用领域，技术研究涵盖环氧树脂、丙烯酸酯、聚氨酯、有机硅四大方向。安川以电子制造与装配行业的核心胶粘需求为出发点，为消费电子、电动汽车、智能家居、电信通讯、新能源、半导体封装等行业企业提供产品与技术解决方案，快速响应并及时满足市场需求。

安川拥有完善的认证体系和充足的产能。凭借深厚的产品开发能力和品质管理经验，我们充分掌握电子胶粘剂的关键生产工艺技术，这使得安川的产品在市场上获得了诸多头部客户的认可。

Ancham New Material, headquartered in Dongguan, Guangdong Province, is an integrated enterprise specializing in R&D, manufacturing, and sales within the field of electronic adhesives. Dedicated to the innovation, production, and commercialization of polymer adhesive materials, Ancham has established a seasoned product development and application engineering team to deliver professional R&D support and technical services to global clients. Guided by its mission of "Transforming Life Through Innovative Materials," Ancham is committed to advancing the localization of high-end electronic adhesives in China.

Ancham's product portfolio focuses on five core application domains: Bonding, Sealing, Thermal Management, Potting, and Coating. Its technical expertise spans four material platforms: Epoxy Resins, Acrylates, Polyurethanes, and Silicones. Centered on the adhesive demands of the electronics manufacturing and assembly sector, Ancham provides tailored product-technology solutions to enterprises across industries including consumer electronics, electric vehicles (EVs), smart home systems, telecommunications, new energy, and semiconductor packaging, ensuring agile market responsiveness and demand fulfillment.

Ancham operates with a comprehensive certification framework and robust production capacity. Leveraging its profound R&D capabilities and quality management expertise, the company has mastered key manufacturing technologies for electronic adhesives, earning recognition from leading global customers for its market-proven solutions.



研发 R&D

研发团队 R&D Team

- ◎拥有自主研发中心，自主配方和专利
- ◎与福州大学长期合作，构筑产学研基地
- ◎胶粘剂的配方研发、生产工艺的研究和应用技术的积累，是安川快速建立起来的优势
- ◎Independent R&D center, formulas and patents
- ◎Long-term cooperation with Fuzhou University, constructing the base of production, learning and research
- ◎The accumulation of expertise in formula research and development for adhesives, the study of production processes, and application technologies constitute the advantages that we rapidly established

研发实验室和产品测试中心实验室 R&D Laboratory and Product Testing Center Laboratory

拥有100余台(套)专业设备和仪器，满足电子产品封装的各类性能和品质检测

Over 100 sets of professional equipments & instruments, meeting various performance and quality testing for electronic products packaging



生产 PRODUCTION

- ◎采用一线品牌设备，建成多条自动化产线
- ◎生产车间恒温恒湿环境控制
- ◎规划年产能5000吨
- ◎Multiple automation lines installed with front-line brand equipments
- ◎Constant temperature and humidity controlled in workshop
- ◎Planned annual production capacity of 5,000 tons



工艺 CRAFT

- ◎具有丰富生产管理经验丰富的人才队伍
- ◎生产过程环保化
- ◎自主设计生产工艺，研发、中试、生产全流程精细管控
- ◎A talent team with rich production management experience
- ◎Environmentally sustainable production processes
- ◎Independent design of production processes, coupled with meticulous full-lifecycle management spanning R&D, pilot-scale trials, and mass production



品质 QUALITY

- ◎通过ISO 9001、ISO 14001、ISO 45001、IATF 16949、IECQ QC 080000管理体系认证
- ◎完善的质量评估和管理体系
- ◎20+检测工序，严格把控每一个安川产品生产环节
- ◎Certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, IECQ QC 080000
- ◎Comprehensive quality assessment and management system
- ◎20+ inspection procedures, strictly controlling each process of production

荣誉资质 CERTIFICATIONS & HONORS

安川以安全易用的产品为技术追求目标，以开放、合作的态度面对市场的无限机遇。

未来，我们将继续专注于胶粘剂的技术研发与持续创新，用实际行动塑造胶粘剂行业的新标杆。

At Ancham, we prioritize safety and user-friendliness as our technological aspirations, embracing boundless market opportunities with an open and collaborative mindset.

Looking ahead, we will remain dedicated to adhesive technology R&D and continuous innovation, setting new industry benchmarks through tangible actions.



ISO 9001



ISO 14001



IATF 16949



发明专利证书
Patent for Invention



发明专利证书
Patent for Invention



实用新型专利
Utility Model Patents



高新技术企业
High-tech Enterprise



福州大学 & 安川·研究生联合培养基地
Fuzhou University & Ancham Graduate Joint Training Base

体系认证 SYSTEM CERTIFICATIONS



IATF 16949



ISO 14001



ISO 9001



ISO 45001



UL



RoHS



IECQ QC 080000

完整的产品体系和解决方案 COMPLETE PRODUCT SYSTEM AND SOLUTIONS

我们以电子行业的核心需求和可持续发展为己任，为客户提供最具创新性的解决方案。

We provide our customers with the most innovative solutions for the core needs and sustainability of the electronic industries.

4大化学体系
4 MAIN CHEMICAL SYSTEMS

聚氨酯系列
Polyurethane Range

聚氨酯胶粘剂，对多种基材表面拥有粘接力，并使结构粘接更具韧性。

Polyurethane adhesives provide adhesion to a wide range of substrate surfaces and makes structural bonds more flexible.

丙烯酸系列
Acrylic Range

丙烯酸胶粘剂，多重固化方式，多种部件粘合，UV固化可使结构粘接更加快速定位。

Multiple curing types, bonding for a variety of substrates, UV curing providing faster positioning for structure bonding.

有机硅系列
Silicone Range

有机硅胶粘剂具有优异的密封粘接性能，出色的耐候性，无论低温还是高温都能游刃有余。

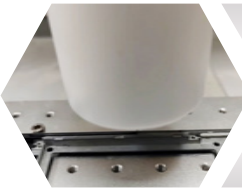
Silicone adhesives have good sealing& bonding performance, outstanding environment resistance, and can be used at both low and high temperature easily.

环氧系列
Epoxy Range

环氧系列产品，粘接强度和机械强度尤其优秀，耐温性和耐化学腐蚀性非比寻常，基材适用性同样广泛。

Epoxy products exhibit particularly excellent adhesion strength and mechanical strength, remarkable resistance to both temperature & chemical, wide applicability of substrates.

5个聚焦应用
5 FOCUS APPLICATIONS



粘接
Bonding



密封
Sealing



导热
Thermal



灌封
Potting



三防&保护
Coating & Solder Mask

单组分环氧树脂胶粘剂 EPOXY ADHESIVES

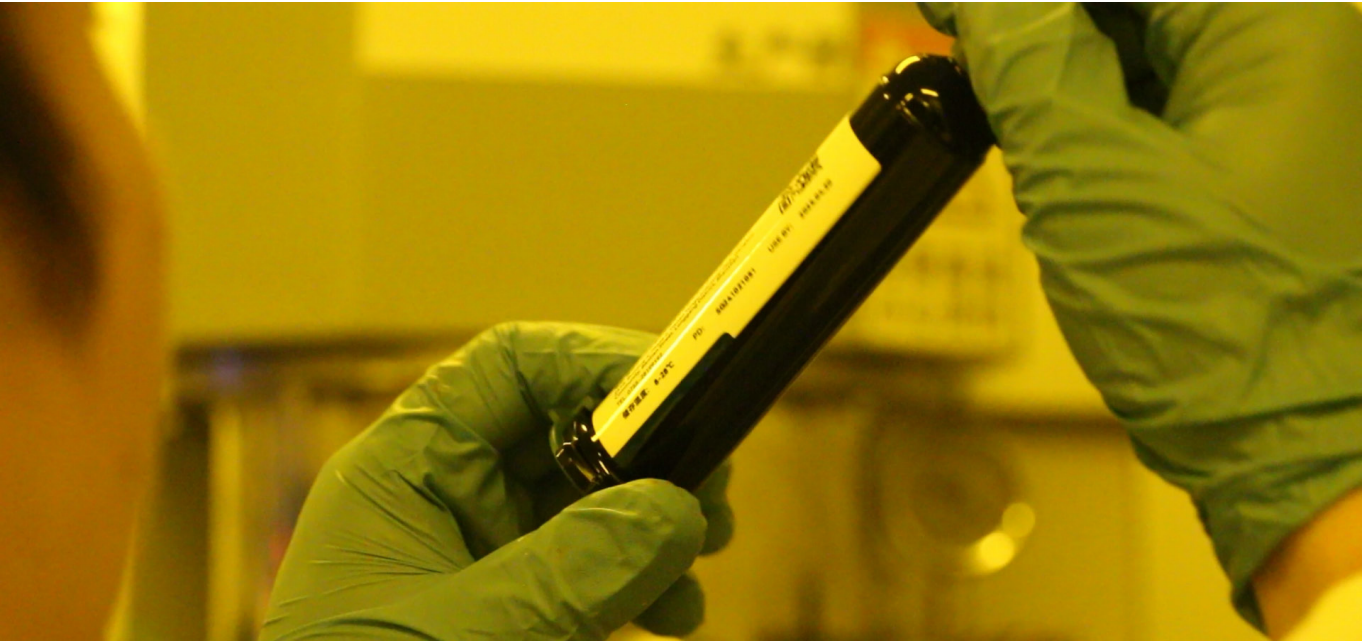
型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	硬度 Hardness	固化条件 Cure Mechanism	剪切强度 Lap Shear Strength
AE1101	◎低温快速固化 Rapid curing at low temperature ◎粘接强度高 High bonding strength ◎抗冲击 Impact resistance	黑色 Black	35000±5000 @ 25℃	83±3 Shore D	11~13min @ 70℃ 4~5min @ 80℃	≥20MPa 喷砂钢
AE1102	◎低温快速固化 Rapid curing at low temperature ◎高触变 High thixotropy ◎PA粘接强度高 Good bonding to PA	黑色 Black	30000±5000 @ 25℃	80±5 Shore D	5~6min @ 80℃	≥16MPa(喷砂钢) ≥10MPa(PA)
AE1106	◎60℃低温快速固化 Rapid curing at 60℃ ◎强度高 High bonding strength ◎耐老化 Aging resistance	白色 White	20000±5000 @ 25℃	85±5 Shore D	30min @ 60℃	20MPa 喷砂钢
AE1108	◎80℃快速固化 Rapid curing at 80℃ ◎高Tg High Tg ◎电气绝缘性能优异 Good electrical insulation properties	黑色 Black	100000±20000 @ 25℃	85±5 Shore D	30min @ 80℃	23MPa 喷砂钢
AE1108H	◎80℃快速固化 Rapid curing at 80℃ ◎强度高 High bonding strength ◎电气绝缘性能优异 Good electrical insulation properties	黑色 Black	100000±20000 @ 25℃	85±5 Shore D	60min @ 80℃	25MPa 喷砂钢
AE1155	◎中高温快速固化 Rapid curing at medium to high temperature ◎强度高 High bonding strength ◎耐老化 Aging resistance	黑色 Black	125000±15000 @ 25℃	88±3 Shore D	22~25min @ 100℃	25MPa 喷砂钢
AE1171	◎高温快速固化 Rapid curing at high temperature ◎强度高 High bonding strength ◎耐高低温 Resistance to thermal shock	浅灰白色 Ash white	膏状 Paste	88±3 Shore D	15min @ 120℃ 5min @ 150℃	34MPa 喷砂钢

双组分环氧树脂胶粘剂 EPOXY ADHESIVES

型号 Product Model	性能描述 Description	混合颜色 Appearance	混合比例 Mixing Ratio	混合粘度 Viscosity(mPa.s)	操作时间 Handling Time	固化条件 Cure Mechanism
AE2103	◎快速固化 Fast curing ◎抗冲击 Impact resistance ◎电气绝缘性能佳 Good electrical insulation properties	白色 White	1:1	8500±1500 @ 25℃	3~5min @ 25℃	5~10min初固 @ 25℃ 24h完全固化 @ 25℃
AE2110/ AE2110B	◎抗垂流 Anti sagging current ◎100%固含 100% solid content ◎抗冲击 Impact resistance	乳白色/黑色 Milky white/Black	1:1	12500±2500 @ 25℃	3~5min @ 25℃	10~20min初固 @ 25℃ 24h完全固化 @ 25℃ 60min完全固化 @ 80℃
AE2130	◎低粘度 Low viscosity ◎抗冲击 Impact resistance ◎电气绝缘性能佳 Good electrical insulation properties	透明 Clear	1:1	4000±1000 @ 25℃	20~30min @ 25℃	4~6h初固 @ 25℃ 24~48h完全固化 @ 25℃ 40~60min完全固化 @ 80℃
AE2160	◎抗垂流 Anti sagging current ◎抗冲击 Impact resistance ◎强度高 High bonding strength	米白色/黑色 Off-white/Black	1:1	7500±2500 @ 25℃	50~60min @ 25℃	5~6h初固 @ 25℃ 24~48h完全固化 @ 25℃ 40~60min完全固化 @ 80℃

丙烯酸酯胶粘剂 ACRYLIC ADHESIVES

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	固化条件 Cure Mechanism	硬度 Hardness	剪切强度 Lap Shear Strength
AC5103	◎低粘度 Low viscosity ◎强度高 High bonding strength ◎抗冲击 Impact resistance	无色透明 Clear	200~500 @ 25℃	2000~4000mJ/cm²	65±3 Shore D	13~15MPa PC/PC
AC5105	◎韧性好 Toughness ◎抗冲击 Impact resistance ◎强度高 High bonding strength	透明 Clear	3000~5000 @ 25℃	1000~5000mJ/cm²	45±5 Shore D	≥12MPa PC/PC
AC5108/ AC5108C	◎抗垂流 Anti sagging current ◎快速固化 Fast curing ◎强度高 High bonding strength	蓝色/无色透明 Blue/Clear	8500±1000 @ 25℃	1000~3000mJ/cm²	55±5 Shore D	≥12MPa PC/PC
AC5120	◎强度高 High bonding strength ◎抗冲击 Impact resistance ◎UV、厌氧、加热均可固化 UV / Anaerobic / Heat curing	琥珀色透明 Amber translucent	20000 @ 25℃	30mW/cm² 2h @ 120℃ 厌氧反应固化	65±5 Shore D	23.4MPa PC/PC
AC5415	◎不含IBOA Excluding IBOA ◎抗冲击 Impact resistance ◎耐机械震动 Resistance to mechanical vibration	红色 Red	20000±5000 @ 25℃	1000~5000mJ/cm²	45±5 Shore D	5~6.5MPa PC/PC
AC5433	◎触变性佳 Excellent thixotropy ◎韧性好 Good resilience ◎抗冲击 Impact resistance	半透明 Translucent	22000±5000 @ 25℃	800mJ/cm²	70±5 Shore D	≥8MPa PC/PC
AC5602	◎双重固化机制 Dual curing mechanism ◎高密度 High density ◎用于平衡配重 For balancing weights	白色 White	25000±5000 @ 25℃	2000~5000mJ/cm²	70±5 Shore D	7~9MPa PC/PC
AC5615F/ AC5615FR	◎双重固化机制 Dual curing mechanism ◎高触变 High thixotropy ◎不含IBOA Excluding IBOA	微黄透明/红色 Transparent yellow/Red	15000±2000 @ 25℃	2000mJ/cm²	68±5 Shore D	≥18MPa PC/PC

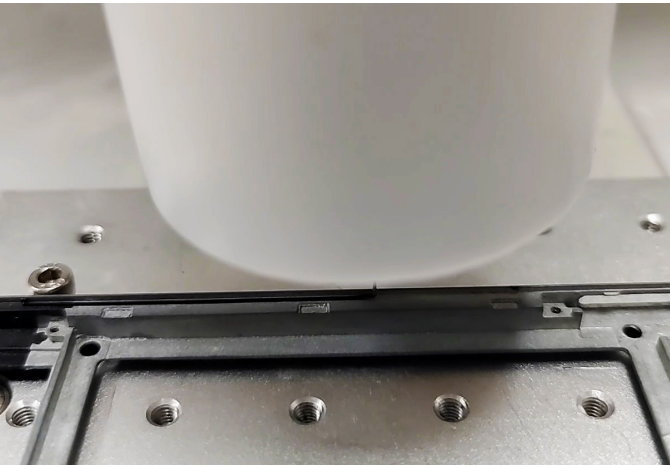
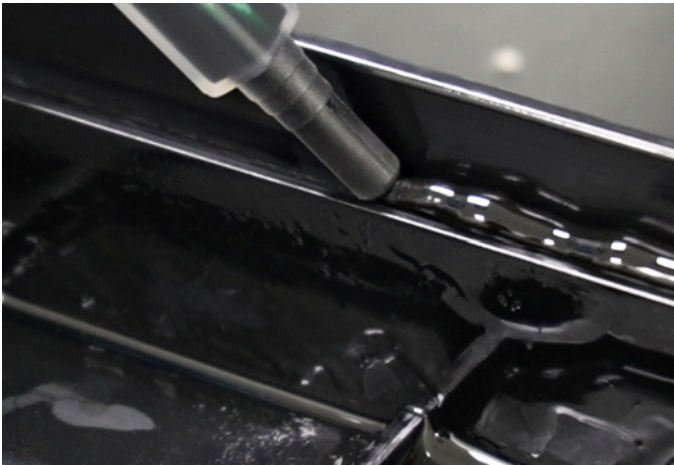


聚氨酯反应型热熔胶 PUR HOT-MELT ADHESIVES

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	硬度 Hardness	开放时间 Open Time	断裂延伸率 Elongation at Break	剪切强度 Lap Shear Strength
AP9101	◎开放时间较长 Long open time ◎通用型胶粘剂 Universal adhesive ◎断裂延伸率高 High elongation	微黄透明 Transparent yellow	4000~6000 @ 100℃	80±5 Shore A	2~4min @ 25℃	1350%	10~12MPa PC/PC
AP9131/ AP9131B	◎短保压 Short dwell time ◎抗冲击 Impact resistance ◎耐老化 Aging resistance	微黄透明/黑色 Transparent yellow/Black	5000~7000 @ 100℃	75±5 Shore A	2~4min @ 25℃	≥650%	9~11MPa PC/PC
AP9161/ AP9161B	◎免保压 No dwell time ◎强度高 High bonding strength ◎抗冲击 Impact resistance	微黄透明/黑色 Transparent yellow/Black	5000~7000 @ 100℃	75±5 Shore A	3~5min @ 25℃	≥700%	10~12MPa PC/PC
AP9165	◎强度高 High bonding strength ◎抗冲击 Impact resistance ◎抗跌落性能优异 Excellent drop resistance	微黄透明 Transparent yellow	5000~7000 @ 100℃	75±5 Shore A	3~5min @ 25℃	≥800%	≥10MPa PC/PC
AP9166B	◎强度高 High bonding strength ◎抗冲击 Impact resistance ◎耐酸碱 Acid and alkali resistant	黑色 Black	5000~7000 @ 100℃	80±5 Shore A	3~5min @ 25℃	≥650%	11~13MPa PC/PC
AP9181/ AP9181B	◎操作性好 Good operability ◎强度高 High bonding strength ◎柔韧性好 Good flexibility	微黄透明/黑色 Transparent yellow/Black	3000~5000 @ 100℃	75±5 Shore A	5~7min @ 25℃	≥700%	≥12MPa PC/PC

聚氨酯胶粘剂 POLYURETHANE ADHESIVES

型号 Product Model	性能描述 Description	颜色 Appearance	混合比例 Mixing Ratio	粘度 Viscosity(mPa.s)	硬度 Hardness	断裂延伸率 Elongation at Break	剪切强度 Lap Shear Strength
AP8145	◎快速固化 Fast curing ◎柔韧性好 Good flexibility ◎强度高 High bonding strength	黑色 Black	1:1	35000±10000 @ 25℃	45~55 Shore D	≥100%	14MPa PC/PC
AP8145K	◎快速固化 Fast curing ◎抗冲击 Impact resistance ◎耐环境性能出色 Excellent environmental resistance	黑色 Black	1:1	45000±10000 @ 25℃	45~55 Shore D	≥100%	10MPa PC/PC



有机硅粘接密封胶 RTV SILICONE ADHESIVE SEALANTS

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	表干时间 Tack Free Time	硬度 Hardness	断裂延伸率 Elongation at Break	剪切强度 Lap Shear Strength
AS3101	◎柔韧性好 Good flexibility ◎强度高 High bonding strength ◎附着力良好 Good adhesion	黑色 Black	5000~10000 @ 25℃	10~30min @ 25℃ 60%RH	65±5 Shore A	70%	4MPa(PC) 5MPa(铝)
AS32(06)	◎脱醇型RTV Alkoxy type RTV ◎抗垂流 Anti sagging current ◎耐高低温 Resistance to thermal shock	白色 White	膏状 Paste	3~15min @ 25℃ 60%RH	60±3 Shore A	> 20%	2MPa 铝/铝
AS32(07)	◎抗垂流 Anti sagging current ◎表干时间短 Short tack free time ◎耐高低温 Resistance to thermal shock	白色 White	膏状 Paste	2~8min @ 25℃ 60%RH	55±3 Shore A	> 50%	1.5~2MPa 铝/铝
AS3401/ AS3401B	◎脱醇型RTV Alkoxy type RTV ◎流平性好 Good leveling performance ◎抗冲击 Impact resistance	白色/黑色 White/Black	5000~10000 @ 25℃	3~15min @ 25℃ 60%RH	30±5 Shore A	≥120%	2.6MPa(PC) 2.1MPa(铝)
AS3403/ AS3403B	◎脱醇型RTV Alkoxy type RTV ◎强度高 High adhesive strength ◎表干时间短 Short tack free time	白色/黑色 White/Black	25000±5000 @ 25℃	5~15min @ 25℃ 60%RH	30±5 Shore A	≥100%	2.8MPa(PC) 2.5MPa(铝)
AS3406/ AS3406B	◎脱醇型RTV Alkoxy type RTV ◎强度高 High adhesive strength ◎表干时间短 Short tack free time	白色/黑色 White/Black	60000±10000 @ 25℃	3~15min @ 25℃ 60%RH	30±5 Shore A	≥100%	2.68MPa(PC) 1.95MPa(铝)
AS3407	◎脱醇型RTV Alkoxy type RTV ◎耐湿气 Moisture resistance ◎耐臭氧腐蚀 Ozone corrosion resistance	半透明 Translucent	75000±15000 @ 25℃	5~20min @ 25℃ 60%RH	28±3 Shore A	≥120%	3~4MPa(PC) 3~4MPa(铝)
AS3407H	◎脱醇型RTV Alkoxy type RTV ◎耐湿气 Moisture resistance ◎耐臭氧腐蚀 Ozone corrosion resistance	半透明 Translucent	膏状 Paste	3~15min @ 25℃ 60%RH	30±5 Shore A	≥100%	3~4MPa(PC) 3~4MPa(铝)
AS3462	◎脱醇型RTV Alkoxy type RTV ◎低粘度 Low viscosity ◎低硬度 Low hardness	黑色 Black	2000±500 @ 25℃	5~20min @ 25℃ 60%RH	25±3 Shore A	≥80%	0.7MPa(PC) 1MPa(铝)
AS3465/ AS3465B	◎脱醇型RTV Alkoxy type RTV ◎抗垂流 Anti sagging current ◎抗冲击 Impact resistance	白色/黑色 White/Black	膏状 Paste	5~20min @ 25℃ 60%RH	38±3 Shore A	≥600%	2MPa(PC) 2.5MPa(铝)
AS3483	◎脱醇型RTV Alkoxy type RTV ◎附着力良好 Good adhesion ◎抗冲击 Impact resistance	黑色 Black	30000±5000 @ 25℃	5~20min @ 25℃ 60%RH	25±3 Shore A	150%	1.9~2.5MPa(PC) 1.5~2MPa(铝)

环氧树脂导热胶粘剂 THERMALLY CONDUCTIVE EPOXY ADHESIVES

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	硬度 Hardness	固化条件 Cure Mechanism	导热率 Thermal Conductivity
AE1205	◎强度高 High bonding strength ◎高导热率 High thermal conductivity ◎耐高低温 Resistance to thermal shock	灰色 Grey	膏状 Paste	88±3 Shore D	60min @ 130℃ 30min @ 150℃	5.0W/m·K

有机硅导热胶粘剂 THERMALLY CONDUCTIVE SILICONE ADHESIVES

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	硬度 Hardness	表干时间 Tack Free Time	拉伸强度 Tensile Strength	导热率 Thermal Conductivity
AS32(15)	◎脱醇型RTV硅胶 Alkoxy type RTV silicone ◎表干时间短 Short tack free time ◎耐高低温 Resistance to thermal shock	灰色 Grey	膏状 Paste	70±5 Shore A	2~6min @ 25℃ 60%RH	3.1MPa	1.55W/m·K
AS32(25)	◎脱醇型RTV硅胶 Alkoxy type RTV silicone ◎表干时间短 Short tack free time ◎附着力良好 Good adhesion	白色 White	膏状 Paste	62±3 Shore A	2~5min @ 25℃ 60%RH	1.5MPa	2.75W/m·K

有机硅导热填缝剂 THERMALLY CONDUCTIVE SILICONE GAP FILLERS

型号 Product Model	性能描述 Description	颜色 Appearance	混合比例 Mixing Ratio	粘度 Viscosity	硬度 Hardness	固化条件 Cure Mechanism	导热率 Thermal Conductivity
AS32(03)	◎单组分 One-component ◎低应力、低挥发物、小BLT Low stress, low VOC, small BLT ◎耐高低温 Resistance to thermal shock	白色 White	单组分 无需混合	250000±50000 mPa.s @ 25℃	60±5 Shore 00	20~30min @ 100℃	3.1W/m·K
AS42(02)	◎低应力 Low stress ◎低挥发物 Low VOC ◎耐高低温 Resistance to thermal shock	浅灰色 Light gray	1:1	膏状 Paste	50±10 Shore 00	24~48h @ 25℃ 20~30min @ 80℃	2.0W/m·K
AS42(02)L	◎低应力 Low stress ◎低挥发物 Low VOC ◎耐高低温 Resistance to thermal shock	灰色 Gray	1:1	1400±200 Pa.s @ 25℃	55±10 Shore 00	24~48h @ 25℃ 20~30min @ 80℃	2.1W/m·K
AS42(04)	◎挤出率好 Good extrusion rate ◎低应力 Low stress ◎低挥发物 Low VOC ◎耐高低温 Resistance to thermal shock	土黄色 Khaki	1:1	膏状 Paste	60±10 Shore 00	24~48h @ 25℃ 20~30min @ 80℃	4.0W/m·K



环氧树脂导热灌封胶 THERMALLY CONDUCTIVE EPOXY POTTING COMPOUNDS

型号 Product Model	性能描述 Description	混合颜色 Appearance	混合比例 Mixing Ratio	混合粘度 Viscosity(mPa.s)	硬度 Hardness	固化条件 Cure Mechanism(25℃)	导热率 Thermal Conductivity
AE22(07)	◎导热率 Thermal conductivity 0.7W/m·K ◎低粘度 Low viscosity ◎电气绝缘性优异 Excellent electrical insulation	黑色 Black	5:1	2500±500 @ 25℃	85±5 Shore D	3~5h初固 24h完全固化	0.7W/m·K
AE22(10)	◎导热率 Thermal conductivity 1.0W/m·K ◎低粘度 Low viscosity ◎电气绝缘性优异 Excellent electrical insulation	黑色 Black	10:1	4000±1000 @ 25℃	85±5 Shore D	3~5h初固 24h完全固化	1.0W/m·K
AE22(11)	◎导热率 Thermal conductivity 1.1W/m·K ◎附着力良好 Good adhesion ◎电气绝缘性优异 Excellent electrical insulation	黑色 Black	10:1	12500±2500 @ 25℃	90±5 Shore D	24~48h完全固化	1.1W/m·K

有机硅导热灌封胶 THERMALLY CONDUCTIVE SILICONE POTTING COMPOUNDS

型号 Product Model	性能描述 Description	混合颜色 Appearance	混合比例 Mixing Ratio	混合粘度 Viscosity(mPa.s)	硬度 Hardness	固化条件 Cure Mechanism	导热率 Thermal Conductivity
AS42	◎低应力 Low stress ◎低粘度 Low viscosity ◎耐高低温 Resistance to thermal shock	灰色 Gray	1:1	3500±1000 @ 25℃	55±3 Shore A	2~3h初固 @ 25℃ 24h完全固化 @ 25℃ 30min完全固化 @ 80℃	0.7W/m·K
AS42(00)	◎低应力 Low stress ◎耐老化 Aging resistance ◎耐高低温 Resistance to thermal shock	浅灰色 Light grey	1:1	6000±1000 @ 25℃	65±10 Shore 00	4~6h初固 @ 25℃ 24~48h完全固化 @ 25℃ 20~30min完全固化 @ 80℃	2.5W/m·K
AS42(10)	◎低应力 Low stress ◎流动性好 Good flowability ◎耐高低温 Resistance to thermal shock	灰色 Gray	1:1	3500±1000 @ 25℃	45±5 Shore A	3~5h初固 @ 25℃ 24h完全固化 @ 25℃ 30min完全固化 @ 80℃	0.7W/m·K
AS42(10)L	◎低应力 Low stress ◎流动性好 Good flowability ◎耐高低温 Resistance to thermal shock	灰色 Gray	1:1	3500±1000 @ 25℃	45±5 Shore A	3~6h初固 @ 25℃ 24h完全固化 @ 25℃ 30min完全固化 @ 80℃	0.7W/m·K
AS42(11)	◎对基材无腐蚀 Non-corrosive to substrates ◎符合UL94-V0 Complies with UL94-V0 ◎电气绝缘性好 Excellent electrical insulation	灰色 Gray	10:1	3000±1000 @ 25℃	55±5 Shore A	4~6h初固 @ 25℃ 168h完全固化 @ 25℃	0.7W/m·K
AS42(16)	◎低粘度 Low viscosity ◎低应力 Low stress ◎高导热 High thermal conductivity	灰色 Gray	1:1	3000±1000 @ 25℃	65±10 Shore 00	4~6h初固 @ 25℃ 24~48h完全固化 @ 25℃ 30min完全固化 @ 80℃	1.6W/m·K
AS42(35)	◎耐老化 Aging resistance ◎低应力 Low stress ◎高导热 High thermal conductivity	粉色 Pink	1:1	12500±2500 @ 25℃	25±5 Shore A	3~5h初固 @ 25℃ 24h完全固化 @ 25℃ 20~30min完全固化 @ 80℃	3.8W/m·K

聚氨酯绝缘灌封胶 POLYURETHANE INSULATION POTTING COMPOUNDS

型号 Product Model	性能描述 Description	混合颜色 Appearance	混合比例 Mixing Ratio	混合粘度 Viscosity(mPa.s)	硬度 Hardness	固化条件 Cure Mechanism	剪切强度 Lap Shear Strength
AP83(50)	◎流动性好 Good flowability ◎无溶剂 Solvent free ◎附着力良好 Good adhesion	黑色 Black	5:1	1100±300 @ 25℃	50±5 Shore D	9~12h初固 @ 25℃ 0.5~1h初固 @ 80℃	7MPa ABS/ABS
AP83(70)	◎流动性好 Good flowability ◎耐环境性能出色 Excellent environmental resistance ◎附着力良好 Good adhesion	黑色 Black	4:1	1000±300 @ 25℃	70±5 Shore D	9~12h初固 @ 25℃ 0.5~1h初固 @ 80℃	6MPa ABS/ABS
AP83(79)	◎快速固化 Fast curing ◎电气绝缘性能优异 Good electrical insulation properties ◎附着力良好 Good adhesion	灰色 Gray	4:1	1450±200 @ 25℃	79±3 Shore D	10~15min初固 @ 25℃	> 7MPa ABS/ABS

有机硅共形覆膜三防漆 SILICONE CONFORMAL COATINGS

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	附着力 Adhesion	温度范围 Temperature	绝缘强度 Dielectric Strength	体积电阻率 Volume Resistivity
AS35(50)	◎无溶剂 Solvent free ◎低应力 Low stress ◎耐高低温 Resistance to thermal shock	无色透明/半透明(带荧光) Clear/Translucent (with fluorescence)	850±150 @ 25℃	0-level	-50~200℃	≥20kV/mm	7.0×10 ¹³ Ω.cm

UV共形覆膜三防漆 UV CURING CONFORMAL COATINGS

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	附着力 Adhesion	绝缘强度 Dielectric Strength	体积电阻率 Volume Resistivity
AC55(20)	◎UV湿气双重固化 UV moisture dual curing ◎低粘度 Low viscosity ◎耐化学性能优良 Excellent chemical resistance	微黄透明(带荧光) Transparent yellow (with fluorescence)	250±100 @ 25℃	0-level	>20kV/mm	2.0×10 ¹⁴ Ω.cm
AC55(30)	◎UV湿气双重固化 UV moisture dual curing ◎耐化学性能优良 Excellent chemical resistance ◎耐高温高湿 High temperature and humidity resistance	无色半透明/透明(带荧光) Translucent/Clear (with fluorescence)	300±150 @ 25℃	0-level	>14kV/mm	2.1×10 ¹² Ω.cm
AC55(60)	◎无溶剂 Solvent free ◎耐盐雾 Salt spray resistance ◎耐高温高湿 High temperature and humidity resistance	无色半透明/透明(带荧光) Translucent/Clear (with fluorescence)	650±150 @ 25℃	0-level	>14kV/mm	2.1×10 ¹³ Ω.cm

聚氨酯共形覆膜三防漆 POLYURETHANE CONFORMAL COATINGS

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity	附着力 Adhesion	固含量 Solid content	体积电阻率 Volume Resistivity
AP9502	◎耐温性能良好 Good temperature resistance ◎绝缘性能好 Good insulation performance ◎耐化学腐蚀性能良好 Good chemical resistance	琥珀色透明(带荧光) Amber translucent (with fluorescence)	12-25 s 涂四杯 @ 25℃ 4mm-cup @ 25℃	0-level	38~42%	2.0×10 ¹⁵ Ω.cm
AP9502HV	◎耐温性能良好 Good temperature resistance ◎绝缘性能好 Good insulation performance ◎耐化学腐蚀性能良好 Good chemical resistance	淡黄色/淡褐色/透明 Light yellow/ Light brown/Clear	65-80 s 涂四杯 @ 23℃ 4mm-cup @ 23℃	0-level	43~48%	2.0×10 ¹⁵ Ω.cm

阻焊胶 SOLDER MASK

型号 Product Model	性能描述 Description	颜色 Appearance	粘度 Viscosity(mPa.s)	比重 Proportion	固含量 Solid content	固化条件 Cure Mechanism
PM7005	◎快速固化 Fast curing ◎易剥离 Easy to peel ◎耐高温 High temperature resistance	乳白色 Milky white	20000±5000 @ 25℃	1.05±0.05g/cm³ @ 25℃	70±5%	2h @ 25℃ 0.5h @ 70~80℃



环境保护上的持续努力
Continuous Efforts in Environmental Protection

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安川践行绿色工厂理念，逐步深入研究更环保的产品配方，通过优化生产设备和工艺制程，实现节能降耗，节省资源并保护我们的环境。

Ancham is a polymer materials technology company. Environmental protection is not only our responsibility but also a critical factor influencing our long-term development. Focusing on the national policy advocacy of carbon neutrality, Ancham starts from the level of technical research to promote the development and manufacture of environment-friendly products, help electronic manufacturing enterprises to enhance the transformation and upgrading of cleaner production, achieve energy conservation and consumption reduction, and meet the requirements of green environmental protection.

Ancham adheres to the concept of a green factory, gradually delving into more environmentally friendly product formulations. By optimizing production equipment and processes, we aim to achieve energy savings, reduce consumption, and protect our environment.

