



产品介绍 / PRODUCTS

JS-606/606CHUN太阳能光伏组件有机硅密封胶 Silicone Sealant for solar photovoltaic assembled parts

光伏组件边框与层压好后的层压件的装配要求紧密配合，并且连接牢固，要具有很好的密封性，防止有破坏作用的液体和气体进入。

接线盒与背板之间要有很好的粘接，即使长期使用在局部受力下也不脱落。

JS-606/606CHUN是专为太阳能光伏组件铝边框和接线盒粘接要求而设计开发的中性固化有机硅密封胶，具有优异的粘接性能，极好的耐老化性，可有效的防止产生破坏作用的气体和液体渗入。

The assemblage of PV modules frame and laminated pieces must be connected closely and reliably with good sealing function against liquids and gases corrosion. The Junction box and the back plates should have good adhesion and would not fall off even under stress partly in long time.

JS-606/606CHUN is designed for the bonding of the solar PV module aluminum frame and the junction box.

This product, neutral cured, has excellent adhesion, excellent aging resistance, and could prevent the penetration of gases and liquids effectively.

※ 产品特性 / Features

- ◆ 优异的粘接性能，对专用铝材、钢化玻璃、复合背板、PPO等材料有良好的粘接性。
- ◆ 极佳的电器绝缘性和耐候性能，可在-40~200℃使用。
- ◆ 中性固化，对大多数材料无腐蚀性，耐臭氧和抗化学腐蚀性强。
- ◆ 通过双“85”高温高湿试验，耐老化试验，冷热温差冲击试验，具有耐黄变、耐环境腐蚀、耐机械冲击和热冲击、防震等功能。
- ◆ 通过了TUV, SGS, UL, ISO9001/ISO14001认证。
- ◆ Excellent bonding properties, good adhesion to the aluminum, glass, composite back plate, PPO and other materials.
- ◆ Excellent electrical insulation and weather resistance, could be used in -40 ~ 200°C.
- ◆ Neutral cured, non-corrosive to a lot of materials, resistant to ozone and resistant to chemical corrosion.
- ◆ Passed the double "85" high temperature and humidity test, aging test, hot and cold temperature impact test.
- ◆ Resistant to yellowing, environmental corrosion, mechanical shock, thermal shock, vibration and so on.
- ◆ Passed TUV, SGS, UL, ISO9001/ISO14001 Certification.

※ 颜色及包装 / Available packing

常规颜色有黑色，白色，还可按照客户要求生产特种颜色，采用310ml塑料胶管、400ml软包装、5加仑塑料桶和55加仑铁桶包装。

White, white available, customer tailored, in 310-ml 400ml, 5 or 55 gallon cartridges.

※ 储存及有效期 / Storage shelf life

常温储存于阴凉干燥处，有效期为12个月。

12 months stored in cool and dry place.



※ 技术参数 / Technical data

产品名称 Product name	JS-606	JS-606CHUN	测试标准 Test Methods
颜色 Color	白色或黑色 White or black	白色或黑色 White or black	目测 Visual
密度 Density (g/cm ³)	1.43 ± 0.05	1.45 ± 0.05	GB/T 13477-2002
固化类型 Cure system	脱肟型/oxime	脱醇型/alkoxy	/
表干时间 Tack free time (Min)	5~15	3~15	GB/T 13477
硬度 Hardness (Shore A)	40~60	40~60	GB/T 531-2008
拉伸强度 Tensile strength (Mpa)	≥2.0	≥2.0	GB/T 528-2009
断裂伸长率 Elongation at break (%)	≥300	≥250	GB/T 528-2009
体积电阻 Volume resistivity (Ω·cm)	> 1.0 × 10 ¹⁵	> 1.0 × 10 ¹⁵	GB/T1692
介电强度 Dielectric strength (KV/mm)	≥17	≥17	GB/T 1695
导热系数 Thermal conductivity (W/m.k)	≥0.4	≥0.4	ISO 22007-2
阻燃等级 Fire resistance (UL94)	HB	HB	UL94
使用温度 Working temperature (°C)	-40 ~ 200	-40 ~ 200	/

注：测试条件：温度23 ± 2°C，相对湿度50 ± 5%下固化7天。表中数据仅供参考，请以实测数据为准。
All the parameters are tested after curing 7 days in 23 ± 2°C, RH 50 ± 5%. The datas in the table are only suggestions.

※ 操作及安全 / Safety Application

- ◆ 用适当的溶剂例如酒精，丙酮，甲乙酮等，彻底清洁底材表面；
- ◆ 未固化密封胶不可接触眼睛，若不慎接触，请用水冲洗，并与医生联系；
- ◆ 请避免长时间接触皮肤，否则可能引起发痒。
- ◆ All surfaces must be clean and dry. Degrease and wash off any contaminants that could impair adhesion.
Suitable solvents include isopropyl alcohol, acetone, or methyl ethyl ketone.
- ◆ Not contact eyes with uncured sealant and wash by water once contaminated.
- ◆ Avoid long time to exposure to skin.