

Properties 物理性能

测试项目		测试标准	Test method
绝缘/护套伸长率 elongation of insulation/sheath	老化前 test are before aging	125% ↑	EN 60811-1-1
绝缘/护套抗张强度 Tensile strength of insulation/sheath		8.0Mp ↑	
绝缘/护套伸长率 elongation of insulation/sheath	老化后 test are after aging	>70% Elongation before aging	EN 60811-1-2
绝缘/护套抗张强度 Tensile strength of insulation/sheath		>70% Tensil Strength before aging	
护套热收缩Shrinkage resistant		≤ 2%	EN 60811-503
耐酸碱Acid and alkali resistant		EN 60811-2-1	
耐臭氧Ozone resistant		EN50396 - 8.1.3	
耐气候性 UV resistant		EN 50289 - 4 - 17	
动态穿透Dynamic penetrate force		EN 50618-Annex D	
低温冲击 (-40°C, 5h) Impact at low temperature		EN 60811-1-4	
耐燃 Fire performance		IEC60332-1-2	
氯溴含量Cland Br Content		EN 50618	
热寿命Thermal endurance Test		EN60216 - 1,EN60216 - 2, TI120	

Application 应用

应用范围Application	太阳能板及光伏应用的内部连线 Internal wiring for solar panel and photovoltaic applications
认证 Approval	EN 50618
额定电压Rating voltage	DC1500V
测试电压Test voltage	AC 6.5KV,50Hz 5min
绝缘线芯直流耐压 DC Voltage test of insulation	1800V, 240h(85°C, 3%NaCl) 不击穿No break
工作温度 Working temperature	- 40~90°C
短路温度 Short circuit temperature	250°C 5S
弯曲半径Bending radius	6×D
寿命Life Period	≥ 25 years

* Customized options available, for more information, please contact LEADER sales team: info@leadergroup-cn.com.

