

PPRI

Advanced Nano Composite Material Application

奈米新型複合材料



Product Information

- High effective Anti-bacterial, Anti-virus.
- Great rust resistance, pass CNS10575:24 hours.
- Excellent Anti-corrosion, pass CNS11607:120 hours.
- Great adhesion with substrates.
- Excellent Self-cleaning capability.
- 強效抗病菌抗病毒。
- 具有優異的防鏽能力; 符合CNS10575:24 小時。
- 具有極佳的抗腐蝕能力; 符合CNS11607:120 小時。
- 與基材有良好附著度。
- 具有極佳的自潔能力。

Anti-corrosion
防腐蝕

- ▲ Medical equipment 醫療器材
- Metal pipe 金屬管件
- Titanium plate 鈦板
- Metal lock 鎖頭
- Metal door 鐵門

Antirust
防鏽

- ▲ Trash can 戶外大型垃圾桶
- Metal faucet 金屬水龍頭
- Metal building materials 金屬建材
- Aluminium alloy die castings 壓鑄鋁
- Aluminium plate 鋁板
- Tower 水塔
- Metal lock 鎖頭
- Metal door 鐵門

Anti-bacterial
抗菌

- ▲ Metal pipe 金屬管件
- Metal faucet 金屬水龍頭
- Metal building materials 金屬建材



Advanced Nano Composite Material Application

奈米新型複合材料

Material Properties 材料特性及應用說明

PPRI is series of surface treatment solution for metal, plastic building materials and medical equipment. It is a nano composite material and has function of anti-corrosion, anti-bacteria...etc.

PPRI系列是專提供各式各樣醫療儀器、金屬、塑膠建材等，奈米新型複合材料表面處理樹脂材料，具備耐腐蝕、抗菌、高機能性表面處理材料溶液。



◀ Metal pipe 金屬管件
▶ Aluminium plate 鋁板



▶ Tank 桶槽



Application Material 適用材質

Metal substrate、Plastic substrate
金屬基材、塑膠基材

Application Fields 適用於

Metal parts for medical equipment、Metal products for building materials. Plastic parts for medical equipment、Plastic products for building materials

醫療金屬器材、建材金屬產品、醫療塑膠建材、建材塑膠產品

▶ Faucets 金屬水龍頭



▶ Metal lock 鎖頭



Material Features 產品規格與特性

Propoties 性能	Description 規格說明		
	JM-PPRI1-XXA1-A	JM-PPRI2-XXX1	JM-PPRI2-XXA1
Component 劑數	Two Components 雙劑	One Component 單劑	One Component 單劑
Appearance 外觀	Clear liquid 透明水性溶液	Clear liquid 透明水性溶液	Clear liquid 透明水性溶液
Content 主要成分	Resin、Nano Ag 樹脂、奈米銀	Resin 樹脂	Resin 樹脂
PH range PH 範圍	6.0~8.0		
Temperature tolerance(Metal) 操作溫度(金屬)	150°C(30min)		
Hardness 硬度	F		
Cross-Cut test 百格測試	5B		
Scratch Test 耐磨擦測試	500 times(EtOH)		
Resistance to salt spray 耐鹽霧性	Base on CNS11607:120hours 符合CNS11607:120小時		
Acid alkali resistance 耐酸耐鹼性	Base on CNS10575:24 hours 符合CNS11607:120小時		
Antibacterial Test 抗菌測試	JIS Z 2801 (>99%)	-	JIS Z 2801 (>99%)