



## 技術資料表 Technical Data Sheet

### TWTYPE

塑料高反射、高阻隔光線，低光加熱，抗 UV 系列

Plastic high reflection, high light barrier, low light heating, anti-UV series

**產品 product** 塑料高反射、高阻隔光線，低光加熱，抗 UV 系列 Plastic high reflection, high light barrier, low light heating, anti-UV series

**來源 source** 上禾伸企業

#### 描述 Description

氣候變遷·極端氣候形成·大氣和海洋中的溫室氣體過量·使地球猶如被籠罩在厚厚的溫室中·太陽照射的熱量難以散去·導致溫度升高·造成各種極端天氣如乾旱、暴雨、熱浪等。因此·戶外用產品必須加強各種功能性·才能承受環境因素·如太陽光的照射性加熱、高吸熱·使得產品高溫而無法接觸使用·或是抗 UV 效果不佳·產品劣化、耐熱性不佳·產品使用時間、年限縮短。

Climate change, the formation of extreme climates, excessive greenhouse gases in the atmosphere and oceans, make the earth seem to be shrouded in a thick greenhouse, and the heat from the sun is difficult to dissipate, resulting in temperature rise, resulting in various extreme weather such as drought and heavy rain, heat waves, etc. Therefore, outdoor products must enhance various functions in order to withstand environmental factors, such as heating by sunlight, high heat absorption, making the product high temperature and unable to be used in contact, or poor anti-UV effect, product deterioration, heat resistance The performance is not good, and the service life and life of the product are shortened.

■太陽光照射產品時有高反射·使產品表面不會集熱、加熱·產品表面溫度維持適合接觸之溫度。

When the sun shines on the product, it has high reflection, so that the surface of the product will not collect heat and heat up, and the surface temperature of the product will maintain a temperature suitable for contact.

■可阻隔光線穿透·加上有抗 UV 劑添加·所有光線阻隔於塑料表面·UV-A、UV-B、UV-C 不會進入塑料本體·塑料內部分子結構得以保護·所以·塑料產品使用年限可增長許多。

It can block the penetration of light, and with the addition of anti-UV agent, all light is blocked on the surface of the plastic, UV-A, UV-B, and UV-C will not enter the plastic body, and the internal molecular structure of the plastic is protected. Therefore, the use of plastic products The number of years can be extended a lot.

■建築產品可以因高阻隔光線、低導熱能·電器產品調節室內氣溫·可降低開啟使用時間·或風力可以開小·減少電力環保節能減碳。

Architectural products can block light and have low thermal conductivity, and electrical products can adjust the indoor temperature, which can reduce the opening time, or the wind force can be turned down, reducing electricity, environmental protection, energy saving and carbon reduction.

■阻隔光線功能·照明設備可集光、不易遺光·不會造成光線照射量能不足。

With the function of blocking light, the lighting equipment can collect light without losing light, and will not cause insufficient light exposure.

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塑料 TX 表面消光啞光系列 1/2

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■塑料可搭配複合功能性，如耐磨、耐溫、耐熱、高剛性、耐衝擊性、低溫耐衝...等等。

Plastics can be combined with composite functions, such as wear resistance, temperature resistance, heat resistance, high rigidity, impact resistance, low temperature impact resistance...etc.

**高反射、高阻隔光線·低光加熱·抗 UV 複合改質塑料**

**High reflection, high light barrier, low light heating, anti-UV composite modified plastic**

PP 聚丙烯 polypropylene、PE 聚乙烯 polyethylene

PC 聚碳酸酯 polycarbonate、PC/ABS 合金 alloy

尼龍系列 Nylon series PA6、PA66

苯乙烯系列 Styrene series ABS、ASA、AS、PS

彈性體系列 Elastomer series TPU、TPEE、TPV

其他塑料 other plastic PBT、PPO(PPE)、PET

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