



技術資料表 Technical Data Sheet

3W22TYPE

包覆黏著尼龍(PA)級

Covered and adhesive nylon grade

樹脂 Resin TPE Thermoplastic styrene elastomer (TPS.TPR)

規格 Grade 3W2255A-A4P

來源 source 上禾伸企業

描述 Description

TPE 塑料具有橡膠性能，又有塑料加工特性，有優異的著色性，加工簡便，可回收使用，降低成本。

TPE plastic has rubber properties and plastic processing characteristics. It has excellent coloring properties, is easy to process, can be recycled, and reduces costs.

■極性改質 TPE 塑料，著重開發特殊被包覆黏著 PA 尼龍 DAXXX-B3X 系列專用，亦可以單獨射出使用。

Polar modified TPE plastic, focusing on the development of special coated and adhesive PA nylon DAXXX-B3X series, can also be used by injection alone.

■與傳統加硫橡膠相似的強度與回復力與耐化學性、耐候性佳。

Similar to traditional vulcanized rubber in terms of strength, resilience, chemical resistance, and good weather resistance.

■耐低溫良好-50°C。

Good low temperature resistance -50°C.

■比重輕、易加工，硬度範圍 Shore A35~55D。

Light specific gravity, easy processing, hardness range Shore A35~55D, can be directly injected into PP, PE.

■耐化學性良好 (酸、鹼、鹽類)。

Good chemical resistance (acids, alkalis, salts).

■符合 FDA、RoHS、REACH、PAHs 規範。

Comply with FDA, RoHS, REACH, PAHs regulations.

成型模式

射出成型

Forming mode

Injection Molding

特性 Properties

項目 Project	單位 Unit	測試標準 Testing standards	標準數值 Typical Value
硬度 Rockwell Hardness	Shore A	ASTM D-2240	58±3
比重 Specific Gravity	g/cm ³	ASTM D-792	1.14



機械特性 Mechanical properties

拉伸強度 Tensile Strength	Kg/cm ²	ASTM D-412	37
伸長率 Elongation at Break	%		600
撕裂強度 Tear Strength	Kg/cm	ASTM D-624	20
抗高溫老化 High Temperature Aging	% TB/EB	ASTM-D573	100/200
反撥彈性 Washback Elasticity	%	CNS K1392	70
耐熱性 Heat Resistance	% TB/EB	W-O-M63°C 500hrs	80/88
脆化溫度 Brittle Transition Temperature	°C	ASTM D-746	-50

其他屬性 Miscellaneous Properties

顏色 Color			White
形態 Product Form			Pellets
燃燒性 Flammability		UL 94	HB

成型條件 Molding conditions

烘乾溫度 Drying temp. °C	60~70	烘乾時間 Drying time H	2~3
進料區溫度 Feed zone temp. °C	165~185	壓縮區溫度 Compression zone temp. °C	170~190
計量區溫度 Metering zone temp. °C	175~195	噴嘴溫度 Nozzle temp. °C	175~200
模具溫度 Mold temp. °C	30~100	射出壓力 Injection pressure Kg/ cm ²	300~700

*雖然上述信息是出於善意並被認為是準確的，但我們不保證依賴此類信息取得令人滿意的結果，並且不承擔因使用此類信息而引起的任何損失或損害的全部責任。*以上數值係僅供選擇用途品級之參考。

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