

技術資料表
Technical Data Sheet

EHDTYPE

PA66 與 PAMXD6 結合，提高剛性、硬度，降低吸濕率，保持較高的塑料穩定性

The combination of PA66 and PAMXD6 improves rigidity and hardness, reduces moisture absorption, and maintains high plastic stability

樹脂 Resin	PA66 Polyamide66
規格 Grade	EHD55-F1
來源 Source	上禾伸企業 SHANG HE SHEN ENTERPRISE CO., Ltd.

描述 Description

■PA66 與 PAMXD6 結合，提高剛性、硬度，降低吸濕率，PA66 塑料能以較低的吸濕性，保持較高的剛性與硬度，物性相對地能在比較穩定的狀態。

The combination of PA66 and PAMXD6 improves rigidity and hardness while reducing moisture absorption. PA66 plastic can maintain high rigidity and hardness with low moisture absorption, and its physical properties are relatively stable.

■良好的耐化學性，對有機溶劑、酒精、碳氫化合物、燃油能有良好的耐受性。

It exhibits good chemical resistance, showing excellent tolerance to organic solvents, alcohols, hydrocarbons, and fuels.

成型模式	射出成型
Forming mode	Injection Molding

特性 Properties

項目 Project	測試標準 Testing standards	單位 Unit	標準數值 Typical Value
比重 Specific Gravity	ASTM D792	g/cm ³	1.14
流動指數 MFR,(MI) 275×2.16KG	ASTM D1238	g/10min	35
收縮率-平行 Mold Shrinkage MD	3 mm t	%	0.4
收縮率-垂直 ⊥ Mold Shrinkage TD			~0.8
耐燃性 Flammability	UL-94		HB
顏色 Color			natural color

**機械特性 Mechanical properties**

伸張降伏強度 Tensile Strength at Yield			920
伸張斷裂強度 Tensile Strength at Break		kg/ cm ²	1650
拉伸模數 Tensile Modulus	ASTM D638		35000
斷裂伸張率 Tensile Elongation at Break		%	4.2
彎曲強度 Flexural Strength			1350
彎曲模數 Flexural Modulus	ASTM D790	kg/ cm ²	33000
衝擊強度(缺口式)IZOD Impact (notched)	ASTM D256	23°C kg-cm/cm	6.5
硬度 Rockwell/Shore Hardness	ASTM D785/D2240	D	80

熱力特性 Heat properties

熱變型溫度 18.54kg/ cm ²			
Heat distortion temperature H D T	ASTM D648	°C	70
熔融溫度 Melting temperature	DSC		260~265
塑料狀態 plastic state			乾燥 dry

建議成型條件 Recommended molding conditions

烘乾溫度 Drying temp. °C	80~100	烘乾時間 Drying time H	2~4
進料區溫度 Feed zone temp. °C	260~285	壓縮區溫度 Compression zone temp. °C	265~295
計量區溫度 Metering zone temp. °C	275~300	噴嘴溫度 Nozzle temp. °C	275~300
模具溫度 Mold temp. °C	95	射出壓力 Injection pressure Kg/ cm ²	600~1000

*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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