



台達通用及耐衝擊聚苯乙烯

TAITAREX GPPS/HIPS

通用聚苯乙烯(General Purpose Polystyrene) GPPS 951F

特性

Characteristics

- 高流動級
- TPR 混鍊
- High Flow Grade
- TPR compounding

應用

Applications

TPR 混鍊用等。

TPR compounding.

物理性質 Physical Properties

Properties	Test Method	Test Condition	Unit	Typical Value
流動指數 Melt Flow Index	ASTM D1238	200°C , 5 kg load	g/10min	> 20
	ISO 1133		ml/10min	>21.5
抗張強度 Tensile Strength at Yield	ASTM D638	23°C , 1/8" Sample	kg/cm2	380
	ISO 527		Mpa	37
伸長率 Elongation at Break	ASTM D638	23°C , 1/8" Sample	%	2.0
	ISO 527			
Izod 耐衝擊強度 Izod Impact Strength	ASTM D256	23°C , A method, notched 1/4"×1/2"×5/2"	kg-cm/cm	1.3
	ISO 180A	23°C Notched	KJ/m ²	1.7
Vicat 軟化溫度 Vicat Softening Temperature	ASTM D1525	1 kg load , 3 mm Thick (120 °C/hr)	°C	≤90
	ISO 306	1 kg load, 3 mm Thick(50°C /hr)		≤88
熱變形溫度 Heat Distortion Temperature	ASTM D648	Unannealed, 1/2 in, 18.56 kg/cm2 load pressure	°C	77
	ISO 75A	Unannealed, 1/2 in, 1.80Mpa load pressure		77
殘留苯乙烯單體 Residual SM monomer	---		ppm	1000
黃色指數(YI) Yellow Index	---		---	-12 ~ -21

註：上表所列數據依據 ASTM 試驗方法所測得，僅供參考用。

Note : The data listed represent average values and are believed to be reliable. They are given for information; no guarantee of their accuracy is made.