



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 861D

特性

Characteristics

- 射出級
- NOVA CHEMICAL 最新生產技術
- 低殘留單體量
- 耐熱性佳
- 表面尺寸安定性佳
- 優異透明度
- 良好加工性

- Injection Grade
- The most state of the art from US NOVA CHEMICAL
- Low Residual Monomer
- Good Heat Resistance
- Mold Dimension Stability
- Good Transparency
- Easy Processing

應用

Applications

家電製品、家庭五金、化妝品盒、燈飾、玩具
 擠塑板等。

Electrical appliances, house hard wares, cassette &
 cosmetic cases, lamp decoration, toys, XPS.

物理性質 Physical Properties

Properties	Test Method	Test Condition	Unit	Typical Value
比重 Specific Gravity	ASTM D792	23℃	---	1.046
	ISO 1183		g/cm ³	1.04
流動指數 Melt Flow Index	ASTM D1238	200℃ , 5 kg load	g/10min	7.0
	ISO 1133		ml/10min	7.4
抗張強度 Tensile Strength at Yield	ASTM D638	23℃ , 1/8" Sample	kg/cm ²	450
	ISO 527		Mpa	44
伸長率 Elongation at Break	ASTM D638	23℃ , 1/8" Sample	%	2.0
	ISO 527			
Izod 耐衝擊強度 Izod Impact Strength	ASTM D256	23℃ ,A method,notched 1/4"×1/2"×5/2"	kg-cm/cm	1.4
	ISO 180A	23℃ Notched	KJ/m ²	1.8
Vicat 軟化溫度 Vicat Softening Temperature	ASTM D1525	1 kg load , 3 mm Thick(120℃/hr)	℃	100
	ISO 306	1 kg load , 3 mm Thick(50℃/hr)		98
燃燒性 Flammability	UL-94	1/16" Sample	File No. E50263	94HB
殘留苯乙烯單體 Residual SM monomer	---	---	ppm	300
曇度 Haze	---	2.8mm thick	%	0.4

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.