



## 通用聚苯乙烯(General Purpose Polystyrene) GPPS 861N / B / W

特性	Characteristics
<ul style="list-style-type: none"> <li>• 射出級</li> <li>• NOVA CHEMICAL 最新生產技術</li> <li>• 低殘留單體量</li> <li>• 耐熱性佳</li> <li>• 表面尺寸安定性佳</li> <li>• 優異透明度</li> <li>• 良好加工性</li> </ul>	<ul style="list-style-type: none"> <li>• Injection Grade</li> <li>• The most state of the art form US NOVA CHEMICAL</li> <li>• Low Residual Monomer</li> <li>• Good Heat Resistance</li> <li>• Mold Dimension Stability</li> <li>• Good Transparency</li> <li>• Easy Processing</li> </ul>

應用	Applications
家電製品、家庭五金、化妝品盒、燈飾、玩具等。	Electrical appliances, house hard wares, cassette & cosmetic cases, lamp decoration, toys.

## 物理性質 Physical Properties

Properties	ASTM method	Test Condition	Unit	Typical Value
比重 Specific Gravity	D542	---	---	1.046
流動指數 Melt Flow Index	D1238	200°C , 5 kg load	g/10min	7.0
抗張強度 Tensile Strength at Yield	D638	23°C , 1/8" Sample	kg/cm <sup>2</sup>	450
伸長率 Elongation at Break	D638	23°C , 1/8" Sample	%	2.0
Izod 耐衝擊強度 Izod Impact Strength	D256	23°C , A method, notched 1/4"×1/2"×5/2"	kg-cm/cm	1.4
Vicat 軟化溫度 Vicat Softening Temperature	D1525	1 kg load , 3 mm Thick ( 120 °C/hr )	°C	100
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.