



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	ASTM method	Test Condition	Unit	Typical Value
比重 Specific Gravity	D792	---	---	1.046
流動指數 Melt Flow Index	D1238	200℃ , 5 kg load	g/10min	7.0
抗張強度 Tensile Strength at Yield	D638	23℃ , 1/8" Sample	kg/cm2	450
伸長率 Elongation at Break	D638	23℃ , 1/8" Sample	%	2.0
Izod 耐衝擊強度 Izod Impact Strength	D256	23℃, 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 ℃/hr)	℃	107
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

