



通用聚苯乙烯(General Purpose Polystyrene) GPPS 818W

特性	Characteristics
• 押出級 • 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 • 高分子量 • 高強度 • 底色澄清不加 Blue Tint	• Extrusion Grade • The most state of the art from US NOVA CHEMICAL • Low Residual Monomer • Good Heat Resistance • Mold Dimension Stability • Good Transparency • Easy Processing • High M.W. • High strength • Water Clear Grade

應用	Applications
1. OPS/PSP 押板製品等。	1. OPS/PSP sheet applications.

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°C , 5 kg load	g/10min	3.0
抗張強度 Tensile Strength at Yield	D638	23°C , 1/8" Sample	kg/cm2	540
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	1.5
Vicat 軟化溫度 Vicat Softening Temperature	D1525	1 kg load , 3 mm Thick (120 °C/hr)	°C	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	200
曇度 Haze	---	2.8mm thick	%	0.5

