



耐衝擊聚苯乙烯(High Impact Polystyrene) HIPS 616

特性 Characteristics

- 超高耐衝擊押出級
- 超高耐衝擊強度
- 低殘留單體量
- 耐熱性佳
- 底色穩定
- 良好加工性
- 高流動性
- Super High Impact Extrusion Grade
- Super High Impact Strength
- Low Residual Monomer
- Good Heat Resistance
- Base Color Stability
- Good Transparency
- Easy Processing
- High Flow

應用 Applications

押板製品、線軸、浮球等

Sheets, cable reels.

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	2.5
抗張強度 Tensile Strength at Yield	D638	23°C , 1/8" Sample	kg/cm ²	260
伸長率 Elongation at Break	D638	23°C , 1/8" Sample	%	50
Izod 耐衝擊強度 Izod Impact Strength	D256	23°C, A method, notched 1/4"×1/2"×5/2"	kg-cm/cm	9
Izod 耐衝擊強度 Izod Impact Strength	D256	23°C, A method, notched 1/8"×1/2"×5/2"	kg-cm/cm	14
Vicat 軟化溫度 Vicat Softening Temperature	D1525	1 kg load , 3 mm Thick (120 °C/hr)	°C	102
燃燒性 Flammability	UL-94	1/16" Sample	File No. E50263	94HB
殘留苯乙烯單體 Residual SM monomer	---	---	ppm	<800
黃色指數(YI) Yellow Index	---	---	---	-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.