


**(High Impact Polystyrene) HIPS 616**
**Characteristics**

- Super High Impact Extrusion Grade
- Super High Impact Strength
- Low Residual Monomer
- Good Heat Resistance
- Base Color Stability
- Good Transparency
- Easy Processing
- High Flow

**Applications**

Sheets, cable reels.

**物理性質 Physical Properties**

Properties	ISO method	Test Condition	Unit	Typical Value
Specific Gravity	ISO 1183	---	---	1.04
Melt Flow Index	ISO 1133	200°C, 5kg load	g/cm <sup>3</sup>	2.7
Tensile Strength at Yield	ISO 527	23°C, 50 mm/min	kg/cm <sup>2</sup>	24
Elongation at Break	ISO 527	23°C, 50 mm/min	%	55
Izod Impact Strength	ISO 180/1A	23°C, Izod Notched	kg-cm/cm	12
Vicat Softening Temperature	ISO 306	120oC/hr , 1 kg load	°C	100
Heat Distortion Temperature	ISO 75A	Unanneale 1.8MPa load pressure(Edgewise)	°C	89
Flammability	UL-94	1/16" Sample	File No. E50263	94HB
Residual SM monomer	GC	---	ppm	< 800
Yellow Index	---	---	%	-4

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.