

**(High Impact Polystyrene) HIPS 616**

Characteristics	Applications
• Super High Impact Extrusion Grade • Super High Impact Strength • Low Residual Monomer • Good Heat Resistance • Base Color Stability • Good Transparency • Easy Processing • High Flow	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 ³	2.7
Tensile Strength at Yield	ISO 527	23°C, 50 mm/min	kg/cm ²	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

