

**MATERIAL SAFETY DATA FOR
HIGH IMPACT POLYSTYRENE SHEET**

1. PRODUCT IDENTIFICATION

Product Name	High Impact Polystyrene Sheet
Finish	Matt or with co-extruded crystal PS capping
Characteristics	High impact strength, good rigidity
Chemical Family	Polystyrene containing Butadiene
HSE Status	This agent is not regulated under HSE EH40

2. MATERIAL PROPERTIES

Properties	ISO Test Method	Unit	High Impact	
			base	capping
Density	ISO 1183	g/cm ³	1.06	1.06
Izod Impact Strength (notched)	ISO 180	J/m	100	-
Flexural Strength	ISO 178	MPa	42	90
Tensile Strength	ISO 527	MPa	26	-
Falling Dart Impact Strength	ISO 6603-1	J	16	
Vicat Softening Temperature	ISO 306 A	°C	95	92
Heat Deflection Temperature	ISO 75 A	°C	81	76
Flammability Rating	UL94	-	HB	