

**MATERIAL SAFETY DATA FOR
ABS SHEET**

1. PRODUCT IDENTIFICATION

Product Name	ABS Sheet
Characteristics	High impact strength, good rigidity, good heat resistance
Chemical Family	Acrylonitrile Butadiene Styrene
HSE Status	This agent is not regulated under HSE EH40

2. MATERIAL PROPERTIES

Properties	ISO Test Method	Unit	ABS	FLAME RETARDANT ABS	ACRYLIC CAPPED ABS	
					Base	Capping
Density	ISO 1183	g/cm ³	1.06	1.24	1.05	1.17
Izod Impact Strength (notched)	ISO 180	J/m	370	270	220	32
Flexural Strength	ISO 178	MPa	54	60	70	88.5
Tensile Strength	ISO 527	MPa	33	39	47	63
Falling Dart Impact Strength	ISO 6603-1	J	92	59.5	31	
Vicat Softening Temperature	ISO 306 A	°C	105	100	110	106
Heat Deflection Temperture	ISO 75 A	°C	86	91	101	93
Flammability Rating	UL94	-	HB	1.6 V-O	-	-