

MATERIAL SAFETY DATA FOR ACRYLIC CAPPED ABS (PMMA)

1. PRODUCT IDENTIFICATION

Product Name Acrylic Capped ABS (PMMA)
Chemical Family Polymerised Methyl Methacrylate Monomer
HSE Status This agent is not regulated under HSE EH40

2. MATERIAL PROPERTIES

Properties	ISO Test Method	Unit	ACRYLIC CAPPED ABS	
			Base	Capping
Density	ISO 1183	g/cm ³	1.05	1.17
Izod Impact Strength (notched)	ISO 180	J/m	220	32
Flexural Strength	ISO 178	MPa	70	88.5
Tensile Strength	ISO 527	MPa	47	63
Falling Dart Impact Strength	ISO 6603-1	J	31	
Vicat Softening Temperature	ISO 306 A	°C	110	106
Heat Deflection Temperature	ISO 75 A	°C	101	93