



## SAFFRON PLASTICS LTD

### ABS – ACRYLIC CAPPED DATA SHEET

GENERAL PROPERTIES	Method	Unit	Test Result
Density (SG)		g/cm <sup>3</sup>	1.1
Vicat Softening Temperature	ISO 306	°C	97
Heat Deflection Temperature	ISO 75	°C	97
Tensile Strength	ISO 527	Mpa	37
Flexural Strength	ISO 178	Mpa	58
Izod Impact Strength (Notched)	ISO 180	KJ/m <sup>2</sup>	40
Moulding Shrinkage		%	0.6-0.8
Forming Temperature		°C	150-185
Fire Rating	UL94	>1.6mm	HB

#### NOTES

Although moisture does not affect the mechanical properties, ABS is hygroscopic and requires drying before use to avoid surface blemishes when thermoformed. Capped surface suitable for Outdoor uses.

Reach, RoHS & WEEE Compliant.

Information contained within is based on our present state of knowledge and is to characterise the product with regard to any potential requirements. It does not therefore constitute a guarantee of the specific properties.

[www.saffronplastics.com](http://www.saffronplastics.com)

**E** sales@saffronplastics.com **T** 01268 288874 **F** 01268 534592 **A** Bakers Court | Paycocke Road | Basildon | Essex | SS14 3EH