



SAFFRON PLASTICS LTD

ABS – FIRE RETARDANT EMBOSSED DATA SHEET

GENERAL PROPERTIES	Method	Unit	Test Result
Density (SG)		g/cm ³	1.2
Vicat Softening Temperature	ISO 306A	°C	85
Heat Deflection Temperature	ISO 75A	°C	83
Tensile Strength	ISO 527	Mpa	35
Flexural Strength	ISO 178	Mpa	60
Izod Impact Strength (Notched)	ISO 180	KJ/m ²	18
Moulding Shrinkage		%	0.6-0.8
Forming Temperature		°C	150-185
*Fire Rating	UL94	>1.6mm	VO
		>3.0mm	5VA

NOTES

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

*Yellow Card Number available on request

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

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