



SAFFRON PLASTICS LTD

ABS – EMBOSSED DATA SHEET

GENERAL PROPERTIES	Method	Unit	Test Result
Density (SG)		g/cm ³	1.06-1.08
Vicat Softening Temperature	ISO 306	°C	95
Heat Deflection Temperature	ISO 75	°C	93
Tensile Strength	ISO 527	Mpa	42
Flexural Strength	ISO 178	Mpa	69
Izod Impact Strength (Notched)	ISO 180	KJ/m ²	19
Moulding Shrinkage		%	0.6-0.8
Forming Temperature		°C	150-185
Fire Rating	UL94		HB

NOTES

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

17 December 2013 SHE Statement

The manufacturer of this product confirms that it complies in full with the EU Directives relating to the Restriction of Hazardous Substances (RoHS) and Waste Electronic and Electrical Equipment (WEEE).

It does not contain any of the following materials: Lead, Cadmium, Mercury, Hexavalent Chromium, PBB or PDBE.

NB Grey Pinseal ABS has a matt capping on the embossed surface, cosmetic only.

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.

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