



## SAFFRON PLASTICS LTD

### HIGH DENSITY POLYETHYLENE DATA SHEET

GENERAL PROPERTIES	Method	Unit	Test Result
Density (SG)	ISO 1183	g/cm <sup>3</sup>	0.97
Tensile Stress at Yield	ISO 527-2	Mpa	25
Elongation at Yield	ISO 527-2	%	11
Elongation at Break	ISO 527-2	%	1300
Flexural Modulus	ISO 178	Mpa	1550
Notched Izod Impact Strength (23°C)	ISO 180/A	KJ/m <sup>2</sup>	9
Vicat Softening @ 10N	ISO 306/A120	°C	126
Flammability Rating*	95/28/EC	mm	1.5-6.0
Flammability Rating*	FMVSS 302	mm	>2

#### NOTES

Suitable for Vacuum Forming and Fabrication.

Smooth finish

\*Flammability above details burn behaviour related to the construction of some categories of Motor Vehicles. HDPE burns with flaming drips

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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