

# PLYSOLENE LTD

## TECHNICAL INFORMATION SHEET

### PLYFORM HIGH IMPACT POLYSTYRENE

PLYFORM High Impact Polystyrene exhibits excellent all round physical properties. Available in matt and high gloss, it is easy to thermoform and fabricate. Typical end applications include packaging and point of sale display.

<b>Product Information</b>	<b>Test Method</b>	<b>Units</b>	<b>Value</b>
Charpy notched impact strength at 23°C	ISO 179	KJ/m <sup>2</sup>	10
Tensile modulus	ISO 527-2	MPa	1800
Flexural Strength	ISO 178	Mpa	44
Density	ISO 1183		1.06
Vicat softening temperature	ISO 306	°C	89
Heat deflection temperature	ISO 75	°C	80
Processing shrinkage	%		0.5
Flammability class at 1.4mm thickness	UL94	Class	94 HB

Notes: Above data applies to uncapped sheet. The above information is intended as a guide only. We do not accept any liability for loss or damage from use or reliance on this information.

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