

DATA SHEET : HIGH IMPACT POLYSTYRENE

	<u>Method / Unit</u>	<u>Test result</u>
<u>GENERAL PROPERTIES</u>		
Density (Sg)		g/cm ³
Vicat softening point	ISO 306	°C
Heat distortion temperature	ISO 75	°C

MECHANICAL PROPERTIES

Tensile strength	ISO 527	MPa	25
Flexural strength	ISO 178	MPa	42
Elongation at break	ISO 527	%	50
Tensile modulus	ISO 527	Mpa	1800
Charpy notched Impact strength 23°C	ISO 179	kJ/m ²	10
Mould shrinkage (Linear)		%	0.4 - 0.7
Forming Temperature		oC	120 - 140

FIRE PROPERTIES

Flammability rating	UL94	HB
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Information contained within is based on our present state of knowledge and is to characterise our product with regard to any possible requirements. It should not therefore be constituted a guarantee of the specific properties.