

Technical Properties: <i>PLYFORM-HIPS (CLEAR EXTRA)</i>			
Construction:		High impact polystyrene mono-layer sheet	
<p><i>PLYFORM-HIPS CLEAR EXTRA</i> is a high impact polystyrene sheet that exhibits excellent all round physical properties. <i>PLYFORM-HIPS CLEAR EXTRA</i> has improved optical properties when compared to standard grade <i>PLYFORM-HIPS CLEAR</i>. Typical end applications include packaging and point of sale display.</p>			
Edition / Date:		2 / 28-01-2021	
Characteristics	Value*	Unit*	Test method*
PHYSICAL PROPERTIES			
Density	23°C	1.06	g/cm ³ ISO 1183
MECHANICAL PROPERTIES			
Tensile E-Modulus	23°C	1800	MPa ISO 527-2
Flexural strength		48	MPa ISO178
Charpy notched impact strength		2	KJ/m ² ISO 179
THERMAL PROPERTIES			
Vicat softening temperature		77	°C ISO 306
Heat deflection temperature		63	°C ISO 75
BURNING BEHAVIOUR			
Flammability classification		HB	UL 94
MISCELLANEOUS PROPERTIES			
Moulding shrinkage		0.5	% General test method

*tested on raw material (natural colour)

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Further processing and use of the product can have various impacts on the product. Therefore, Pysolene Ltd does not guarantee or warrant for the fitness or suitability of products for any purpose intended by the purchaser or any third person and shall have no liability whatsoever in this respect. The purchaser has the obligation to test the product and determine themselves if the product is fit for the intended use.