

## Technical Data Sheet

### ► Typical Property Values

Properties	Test Method	Value	Units
<b>Physical</b>			
Density	ASTM D 792	1.44	g/cm <sup>3</sup>
Surface Energy (Front Side/Back Side)	Dyne Pen	42 / 36	Dyne/cm
<b>Mechanical</b>			
Tensile Strength	ASTM D638	≥ 50	N/mm <sup>2</sup>
Elongation at break	ASTM D638	≥ 50	%
<b>Thermal</b>			
VICAT	ASTM D 306	148 ± 5	°C
<b>Manufacturing Specifications</b>			
Thickness tolerance	ISO 4593	See table <sup>*1</sup>	
Dimension tolerance	Internal method	<0.5	mm
Flatness/waviness	Internal method	≤ 3	mm
Surface Roughness	*Please see the note below.		

\* Table 1

Thickness range	Tolerance
0.03 ~ 0.10 mm	+/- 5 µm
0.11~0.20 mm	+/- 5 %
0.21 mm ~	+/- 10 µm

**Labeling and REACH applications** This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updates to safety safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information regarding the current classification and labeling, applications, processing methods, and other safety-related data can be found in the currently valid Safety Data Sheet.

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\*For further details or inquiries regarding our products, please feel free to contact us.

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## Extra Opaque White / Extra Opaque White AS

### Description of the Product

- Reported values based on 100 micron thickness film. The surface structure is one side velvet one side matte.
- The our products have the REACH and ROHS certificates.
- \*For each type of polycarbonate film, we offer a variety of surface options, including glossy, fine matte, matte, velvet finishes

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