

Technical Data Sheet

► Typical Property Values

Properties	Test Method	Value	Units
Physical			
Density	ASTM D 792	1.44	g/cm ³
Surface Energy (Front Side/Back Side)	Dyne Pen	42 / 36	Dyne/cm
Mechanical			
Tensile Strength	ISO 527	≥ 50	N/mm ²
Elongation at break	ISO 527	≥ 50	%
Thermal			
VICAT	ISO 306	148 ± 5	°C
Manufacturing Specifications			
Thickness tolerance	ISO 4593	See table ^{*1}	
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

**The information in this Technical Data Sheet is believed to be accurate as of its date. However, the use of our products, technical support, and related information (whether communicated verbally, in writing, or through evaluations), including suggested formulations and recommendations, is entirely outside our control. Therefore, it is essential for you to conduct thorough testing to ensure our products meet your specific processing and usage requirements. This evaluation should include assessments of technical suitability, health and safety considerations, environmental impact, and regulatory compliance. Please note that some of the test results may change and Exim has not necessarily conducted such testing for your specific use case, nor have we obtained any formal approvals or licenses for specific applications of the product, unless explicitly stated otherwise.

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