# Technical Data Sheet

## ▶ Typical Property Values

| Properties | Test Method | Value | Units |
|---|---|---|---|
| **Physical** | | | |
| Density | ASTM D 792 | 1.2 | g/㎤ |
| **Mechanical** | | | |
| Tensile Strength | ISO 527 | ≥ 50 | N/mm² |
| Elongation at break | ISO 527 | ≥ 50 | % |
| **Thermal** | | | |
| VICAT | ISO 306 | 148 ± 5 | ℃ |
| **Manufacturing Specifications** | | | |
| Thickness tolerence | ISO 4593 | See table*1 | |
| Dimension tolerence | Internal method | <0.5 | mm |
| Flatness/waviness | Internal method | ≤ 3 | mm |
| Surface Roughness | *Please see the note below. | | |

* Table 1

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

**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.

**Edition date : 2025-02-28**
***For further details or inquiries regarding our products, please feel free to contact us.**

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# Coex (Laser /Non laser) / Coex AS (Laser AS /Non laser 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 sertificates.
- *For each type of polycarbonate film, we offer a variety of surface options, including glossy, fine matte, matte, velvet finishes



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