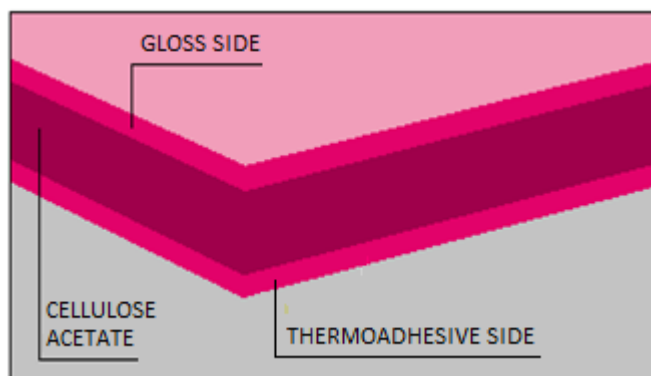


## TECHNICAL DATA SHEET

### TK35 ACETATE GLOSS

**TK35 ACETATE GLOSS** is a cellulose acetate film with one gloss side and the other thermoadhesive specifically designed for thermal lamination with paper and cardboard.

*This film is suitable to come into contact with food (declaration on request).*



#### TYPICAL TECHNICAL FEATURES <sup>(1)</sup>

| PHYSICAL PROPERTIES |         | METHOD   | UNIT             | VALUE<br>code 910/61 |
|---------------------|---------|----------|------------------|----------------------|
| Thickness           |         | Internal | μm               | 35                   |
| Grammage            |         | Internal | g/m <sup>2</sup> | 39,20                |
| COF                 | dynamic | Internal | -                | 0,40 - 0,65          |
| Surface tension     |         | Internal | dyne/cm          | 38 - 42              |

| MECHANICAL PROPERTIES     |    | METHOD    | UNIT              | VALUE<br>code 910/61 |
|---------------------------|----|-----------|-------------------|----------------------|
| Tensile strength at break | MD | ASTM D882 | N/mm <sup>2</sup> | 50 - 60              |
| Elongation at break       | MD | ASTM D882 | %                 | 25 - 45              |

| THERMAL PROPERTIES              |    | METHOD   | UNIT | VALUE<br>code 910/61 |
|---------------------------------|----|----------|------|----------------------|
| Thermal shrinkage (115°C/10min) | MD | Internal | %    | 1,0 - 1,5            |

| CHEMICAL PROPERTIES                                                                                                                                                                                                                     | METHOD       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <ul style="list-style-type: none"> <li>- Very low resistance to esters</li> <li>- Low resistance to ketons</li> <li>- Moderate resistance to concentrated strong acids and bases</li> <li>- Resistance to non-polar solvents</li> </ul> | ASTM D543-87 |

#### STORAGE

Store the material in a dry location (preferably with RH ≅ 45%) at a constant temperature between 15°C and 25°C. Do not leave it exposed to direct sunlight or atmospheric agents. Partially used reels have to be repacked as originally supplied.

<sup>(1)</sup> The information and data contained herein are to be used only as a guideline; therefore, ULTRALEN FILM GmbH doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

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Ed. 01 issued on 2021/03/01

Rev.01 issued on 2024/08/26



#### **WARRANTY**

Material processability is guaranteed up to 6 months since shipment date, as long as it is stored correctly. It is recommended to condition the material at room temperature at least 24 hours before its use.

#### **DISCLAIMERS**

ULTRALEN FILM GmbH gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use.

Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.

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