

FILM REFERENCE:

THICKNESS (µm):

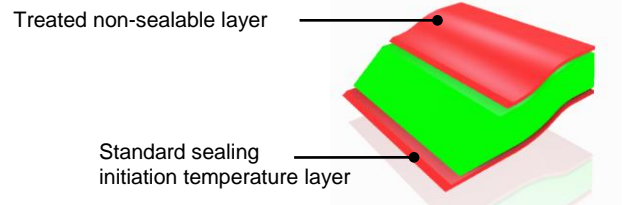
CPSST_ __TS (CPSST_LETS, CPSST_LITS)

20-100

Heatsealable CPP film at standard temperature for lamination

1. PRODUCT FEATURES

- Good optical and mechanical properties.
- Good tear and puncture resistance.
- Good barrier to humidity, oils and fats.
- Antistatic properties.
- This reference has a share up to 15% recycled material according to DIN EN ISO 14021:2016, 7.8.1.1 b);



2. MIGRATION CHARACTERISTICS

- Complies with the specifications in force.

3. USE

- Food industry. The film complies with the UE and FDA regulations for use in contact with food.
- **Main application: standard lamination.**

| PROPERTIES | UNIT | VALUE APPLIED TO CPSST_ __TS | | | | | | | | TOLERANCE | TEST METHOD |
|------------------------------------|--------------------|------------------------------|------|------|------|------|------|------|------|----------------------------|---------------|
| | | 20 | 25 | 30 | 35 | 38 | 40 | 45 | 50 | | |
| Thickness | µm | 20 | 25 | 30 | 35 | 38 | 40 | 45 | 50 | <40 µm ±7.5% ≥40 µm ±5% | ISO 4591 |
| Unit weight | g/m ² | 18.1 | 22.6 | 27.2 | 31.7 | 34.4 | 36.2 | 40.7 | 45.3 | ±8% | ISO 4591 |
| Yield | m ² /kg | 55.2 | 44.2 | 36.8 | 31.6 | 29.1 | 27.6 | 24.6 | 22.1 | ±8% | ISO 4591 |
| Tensile strength at break | MD | 45 | | | | | | | | ≥ N-5 | ISO 527 |
| | TD | 25 | | | | | | | | ≥ N-5 | |
| Elongation at break | MD | 450 | | | | | | | | ≥ N-50 | ISO 527 |
| | TD | 550 | | | | | | | | ≥ N-50 | |
| Surface treatment level | TS | 38 | | | | | | | | ≥ 36 | ISO 8296 |
| | US | 35 | | | | | | | | <36 | |
| Heatsealing resistance | N/15 mm | 4.5 | | | 6.5 | | | | | ≥N-0.5 | DIN 55529 |
| Sealing initiation temperature | °C | 120 | | | | | | | | ≤N+5 | DIN 55529 |
| Haze | % | 1.5 | | | 3.5 | | | | | ≤N+1 | ASTM D- 1003 |
| Gloss 45° | | 80 | | | | | | | | ≥N-5 | ASTM D - 2457 |
| Dynamic friction coefficient TS/TS | | 0.45 | | | | | | | | ≥N-0.15 | ISO 8295 |
| Dynamic friction coefficient US/US | | 0.15 | | | | | | | | ≤N+0.05 | |

MD = Longitudinal direction TS = Treated side
 TD = Transversal direction US = Untreated side
 Other information is available upon request

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| PROPERTIES | | UNIT | VALUE APPLIED TO CPSST_ __TS | | | | | TOLERANCE | TEST METHOD |
|------------------------------------|----|--------------------|------------------------------|------|------|------|------|----------------------------|---------------|
| Thickness | | µm | 60 | 70 | 80 | 90 | 100 | <40 µm ±7.5% ≥40 µm ±5% | ISO 4591 |
| Unit weight | | g/m ² | 54.3 | 63.4 | 72.4 | 81.5 | 90.5 | ±8% | ISO 4591 |
| Yield | | m ² /kg | 18.4 | 15.8 | 13.8 | 12.3 | 11.0 | ±8% | ISO 4591 |
| Tensile strength at break | MD | N/mm ² | 45 | | | | | ≥ N-5 | ISO 527 |
| | TD | | 25 | | | | | ≥ N-5 | |
| Elongation at break | MD | % | 450 | | | | | ≥ N-50 | ISO 527 |
| | TD | | 550 | | | | | ≥ N-50 | |
| Surface treatment level | TS | dynes/cm | 38 | | | | | ≥ 36 | ISO 8296 |
| | US | | 35 | | | | | <36 | |
| Heatsealing resistance | | N/15 mm | 10.0 | | | | | ≥N-0.5 | DIN 55529 |
| Sealing initiation temperature | | °C | 120 | | | | | ≤N+5 | DIN 55529 |
| Haze | | % | 5 | | | | | ≤N+1 | ASTM D- 1003 |
| Gloss 45° | | | 80 | | | | | ≥N-5 | ASTM D - 2457 |
| Dynamic friction coefficient TS/TS | | | 0.45 | | | | | ≥N-0.15 | ISO 8295 |
| Dynamic friction coefficient US/US | | | 0.15 | | | | | ≤N+0.05 | |

4. GENERAL CHARACTERISTICS COILS

WIDTH: 300 to 2.500 mm
 MAXIMUM OUTER DIAMETER: 775 mm¹
 INTERNAL DIAMETER OF TUBE: 76-152 mm
 TREATMENT: EXTERNAL/INTERNAL¹
¹Other options are available upon request

5. STORAGE CONDITIONS

For optimum performance of the film its storage is recommended in a protected area from high humidity and a temperature below 30 °C. Material should be conditioned at room temperature at least 24h before its use.

It is recommended to keep the coils in their original packaging until time of use. In case of partial use of a pallet of coils, remaining material should be kept without leaning on a hard surface.

6. CONTACT WITH FOOD

The film complies with the UE and FDA regulations for use in contact with food.
 Refer to specific information.

7. SECURITY CONDITIONS FOR FILM HANDLING

Safety data sheet is available upon customer request.

8. USE WARRANTY

This film maintains its optimal properties for use up to three months after production.

9. NOTES

This information should be considered only for guidance; it is based on tests conducted in our laboratory and should not be considered as collateral for a customer's specific application.