

FILM REFERENCE:

THICKNESS (µm):

**CPSST\_ \_\_TS** (CPSST\_LETS, CPSST\_LITS)

**20-100**

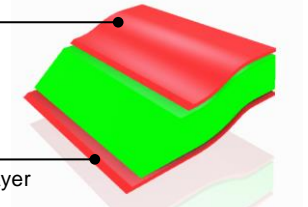
Heatsealable CPP film at standard temperature for lamination

**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);

Treated non-sealable layer

Standard sealing initiation temperature layer



**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 <sup>2</sup>	18.1	22.6	27.2	31.7	34.4	36.2	40.7	45.3	±8%	ISO 4591
Yield	m <sup>2</sup> /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 US/US		0.15								≤N+0.05	ISO 8295

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 <sup>2</sup>	54.3	63.4	72.4	81.5	90.5	±8%	ISO 4591
Yield		m <sup>2</sup> /kg	18.4	15.8	13.8	12.3	11.0	±8%	ISO 4591
Tensile strength at break	MD	N/mm <sup>2</sup>	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 US/US			0.15					≤N+0.05	ISO 8295

#### 4. GENERAL CHARACTERISTICS COILS

WIDTH: 300 to 2.500 mm  
 MAXIMUM OUTER DIAMETER: 775 mm<sup>1</sup>  
 INTERNAL DIAMETER OF TUBE: 76-152 mm  
 TREATMENT: EXTERNAL/INTERNAL<sup>1</sup>

<sup>1</sup>Other 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.