

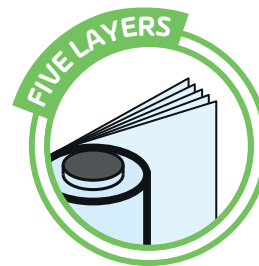
Polypropylene Film

PIGMED CAST

CPP.GRAU BLUE SURGICAL

● Description:

The CPP.Grau Blue Surgical is a coextruded film formed by polypropylene blends. High quality, which features excellent sealability and high temperature resistance. It is suitable for the manufacture of dental-medical-hospital packaging that will undergo sterilization processes.



● Main characteristics:

- Excellent mechanical resistance at high temperatures;
- Excellent sealability on untreated face;
- One-sided treatment for paint and / or adhesive applications or untreated.
- Excellent flatness and dimensional stability;
- Medium slip;
- High mechanical, chemical and thermal resistance.

● Applications:

Intended for the manufacture of laminated packaging that will be submitted to the sterilization process in an autoclave. It can be supplied in thicknesses between 0.038 and 0.100 mm.

● Important considerations:

It is recommended to store this product at temperatures not exceeding 30°C, in the shade, with relative humidity up to 60%, as it may present decay of physical properties in uncontrolled storage conditions. In addition, it must be used within the validity period described on the identification labels.

Maintain adequate turnover of validity dates (FIFO). The information given in the datasheets should be considered as comparative parameters and should not be taken as a guarantee. Other specifications can be met upon consultation and approval by our technical department.

Dimensional Properties		
Dimensions	Unit.	Tolerance
Width	mm	+ 5
Thickness	mm	+ ou - 5%
Weight	g/m ²	+ ou - 5%
Internal Diameter	inch	6
Treatment side		external or internal
External Diameter	mm	500-800

Main properties			
Properties	Method	Unit.	Espesor en mm
			0,038
Drying Module 2% *MS	ASTM D882	MPA	400
Drying Module 2% *CD	ASTM D882	MPA	300
Tensile Strength *MS	ASTM D882	GF	4850
Tensile Strength *CD	ASTM D882	GF	2500
Stretching at Break *MS	ASTM D882	%	750
Stretching at Break *CD	ASTM D882	%	650
Tear Resistance *MS	ASTM D1938	GF	180
Tear Resistance *CD	ASTM D1938	GF	450
TPVA at 38°C, 90% H.R.	ASTM F1249	g/(m ² .day)	8
TP02 at 23°C, 0% H.R.	ASTM D3985	cm ³ /(m ² .day)	4.700
Surface tension	ASTM 2578	dynes/cm	38
Dynamic COF (film/ film- *UF / *UF)	ASTM D1894		0,20 - 0,50
Initial sealing temperature *UF / *UF	ASTM F88	°C	125
Brightness 45°	ASTM D2457	UB	80

*MS - Machine Steering | *CD- Cross Direction | *UF - Untreated Face