

Technical data sheet of Metalion CPP 1251 Cast Polypropylene Film

Feature

Metalion CPP type 1251 is a general lamination grade of a cast polypropylene film suitable for a sealant use of packaging of dried snack foods with the following features.

- *Transparent
- * Good slipperiness

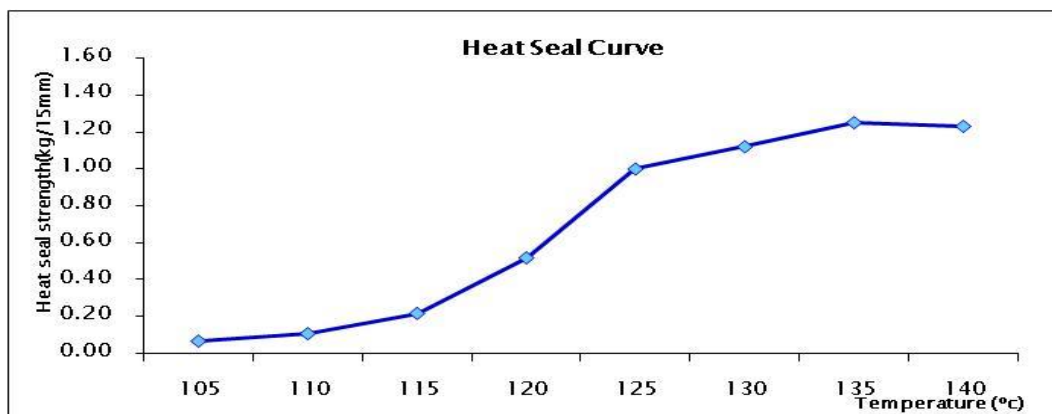
Note: Some process conditions may reduce this slipperiness of the film after lamination.

For thickness 20 micron

Item		Unit	QA Standard	Typical Value	Test Method
Thickness		Micron	20±5%	20.05	JIS Z1702
Grammage		g/m ²	18±5%	18.05	densxthickness
Tensile Strength	MD/TD	Kg/mm ²	>5.0/>3.0	7.7/4.2	JIS K7127
Elongation	MD/TD	%	>500/>700	630/860	JIS K7127
Young's modulus	MD/TD	Kg/mm ²	>50/>50	60/60	JIS K7113
Haze		%	2.0-6.0	2.75	JIS K7105
Coefficient of Friction	Sta/dyn	-	<0.3/<0.3	0.25/0.22	ASTM D1894
Wetting Tension	Dyne/cm	Dyne/cm	≥36	36	JIS K6768
Fish Eye (S,M,L size)		Point/m ²	<250,20,4	10,1,0	By eyesight
Heat seal strength	MD	g/15mm	>800	1100	TTS Method
Oxygen Permeability		cc/m ² /day	<4500	3500	JIS K7126B
WVTR		g/m ² /day	<20	13.6	JIS K7129B

REMARK: MD = Machine Direction, TD = Transverse Direction, TREATED SIDE: *Inside*.

Fish Eye size : S size = 100-300mic, M size = 300-800mic, L size >800 mic. Heat Seal Strength condition: 128 °C, 1kg/cm², and 0.5sec



Condition: Pressure 1kg/cm², and Time 0.5sec

The above values are the reference but not for guarantee. We accept no responsibility for results obtained by the applicant of this information or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes.