

Technical data sheet of Metalion VMCPP type 2402

Feature

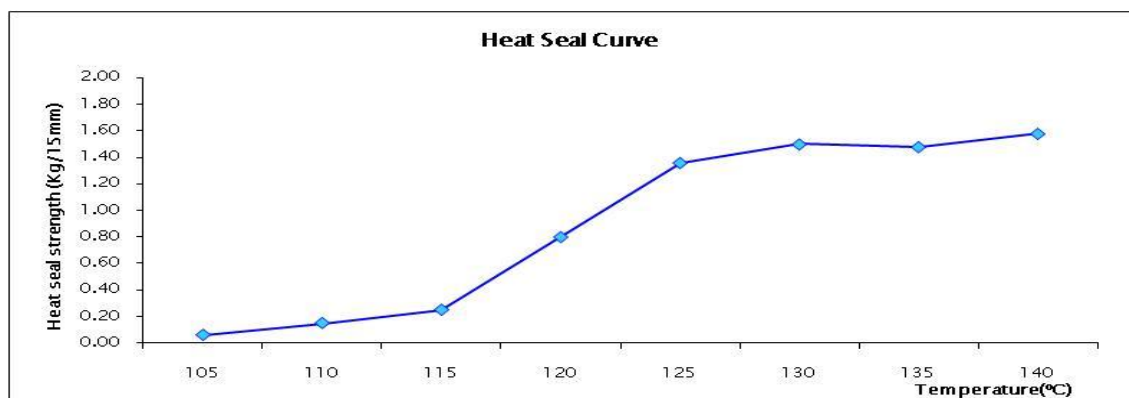
Metalion VMCPP type 2402 is an Al metallized cast polypropylene film, a metallized sealant film, produced by special technology to make its bonding /adhesion between a metallized layer and a CPP base film higher than a standard MCPP film, and has the following features.

- Making a laminate strength of the laminate made using the type 2402 higher than that using a standard MCPP film. Achievable a high laminate strength using either an ether type or an ester type adhesive, while the adhesion made by an ether type adhesive may be reduced according as time passes.
- Higher Barrier properties to oxygen and moisture than a standard MCPP film.

For thickness 25 micron

Item		Unit	QA Standard	Typical Value	Test Method
Thickness		Micron	25±5%	24.72	JIS Z1702
Grammage		g/m ²	22.5±5%	22.25	densxthickness
Coefficient of Friction	Sta/Dyn	-	<0.9/<0.9	0.85/0.70	ASTM D1894
Tensile Strength	MD/TD	kg/mm ²	>5.0/>3.0	8.0/4.0	JIS K7127
Elongation	MD/TD	%	>500/>700	620/870	JIS K7127
Young's modulus	MD/TD	kg/mm ²	>70/>70	80/78	JIS K7113
Glossiness	Al/Film	%	>700/>500	830/670	JIS Z8741
Optical Density		-	>1.80	2.12	TTS Method
Wetting Tension		dyne/cm	≥34	36	JIS K6768
WVTR		g/m ² /day	<1.0	0.46	JIS K7129B
Oxygen Permeability		cc/m ² /day	<20	17	JIS K7126B
Peeling		grade	>4.0	5	Cello Tape
Laminate Strength		g/15mm	>180	240	Bar Coat
Heat Seal Strength	MD	g/15mm	>1000	1350	JIS Z1707

REMARK: MD = Machine Direction, TD = Transverse Direction Heat seal strength condition : 125 °C, 1 kg/cm², and 0.5 sec



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.