

Technical data sheet of CPP type ZK207 Cast Polypropylene Film

ltem	Unit	Typical value					Test Method
Thickness	Micron	50	60	70	80	100	-
Tensile Strength	Kg/mm²	6.0	5.8	5.5	5.3	5.1	JIS K7127
(MD/TD)		4.1	4.2	4.2	4.2	4.2	
Elongation	%	830	865	910	940	1025	JIS K7127
(MD/TD)		965	1000	1030	1060	1100	
Young's modulus (MD/TD)	Kg/mm²	61	58	54	51	47	JIS K7113
		53	51	48	46	42	
Haze	%	49.7	50.6	51.7	52.6	53.3	JIS K7105
Coefficient of		1.09	1.06	1.03	0.99	0.94	
Friction NT/NT (Sta/Dyn)	_	0.90	0.85	0.82	0.78	0.76	ASTM D1894
Wetting Tension	Dyne/cm	40	40	40	40	40	JIS K6768
Heat seal strength (Before retort)	Kg/15mm	7.4	7.5	7.6	7.7	7.9	TTS Method
Corona Treatment	-	Inside	Inside	Inside	Inside	Inside	-

REMARK: MD = Machine Direction, TD = Transverse Direction

Heat Seal Strength condition: 200 °C, 2 kgf/cm², and 1.0 sec., Substrate: ONY/CPP laminate.



Technical data sheet of CPP type ZK99S Cast Polypropylene Film

Item	Unit		Typica	Test Method		
Thickness	Micron	60	70	80	100	-
Tensile Strength	Kg/mm²	5.0	4.8	4.7	4.6	
(MD/TD)		3.9	3.9	4.0	4.0	JIS K7127
Elongation	%	880	910	930	1015	
(MD/TD)		930	945	985	1030	JIS K7127
Young's modulus (MD/TD)	Kg/mm²	48/45	46/44	48/45	44/42	JIS K7113
Haze	%	55.0	56.4	58.1	59.3	JIS K7105
Coefficient of Friction NT/NT (Sta/Dyn)	-	1.26 1.09	1.23 1.04	1.10 0.90	1.06 0.89	ASTM D1894
Wetting Tension	Dyne/cm	40	40	40	40	JIS K6768
Heat seal strength (Before retort)	Kg/15mm	7.7	7.9	8.1	8.3	TTS Method
Corona Treatment	-	Inside	Inside	Inside	Inside	-

REMARK: MD = Machine Direction, TD = Transverse Direction

Heat Seal Strength condition: 200 °C, 2 kgf/cm², and 1.0 sec., Substrate: ONY/CPP laminate.



Technical data sheet of CPP type ZK500 Cast Polypropylene Film

Item	Unit	Typical value			Test Method
Thickness	Micron	60	70	80	JIS Z1702
Tensile Strength	Kg/mm ²	5.6	5.7	5.4	JIS K7127
(MD/TD)	Kg/IIIII-	4.7	4.1	4.1	JIS K7 127
Elongation	%	880	890	935	JIS K7127
(MD/TD)	/0	915	965	980	JIS K7 127
Young's modulus	Kg/mm ²	43	43	43	JIS K7113
(MD/TD)	Kg/IIIII-	39	36	36	JIS K7113
Haze	%	63.3	64.3	64.0	JIS K7105
Coefficient of Friction	_	1.30	1.20	1.23	ASTM D1894
NT/NT (Sta/Dyn)		1.00	0.97	0.97	ASTNI DI 094
Wetting Tension	Dyne/cm	40	40	40	JIS K6768
Heat seal strength	Kg/15mm	7.4	7.2	7.0	TTS Method
(Before retort)	Kg/T3IIIII	7.4	1.2	7.0	i i s ivietilou
Corona Treatment	_	Inside	Inside	Inside	_

REMARK: MD = Machine Direction, TD = Transverse Direction

Heat Seal Strength condition: 200 °C, 2 kgf/cm², and 1.0 sec., Substrate: ONY/CPP laminate.



Technical data sheet of CPP ZK9951 Cast Polypropylene Film

Item	Unit	Unit Typical value		Test Method	
Thickness	Micron	40	50	60	-
Tensile Strength	Kg/mm²	6.5	5.9	5.8	JIS K7127
(MD/TD)	Kg/IIIII ²	4.3	4.2	4.2	JIS K7 127
Elongation	%	660	700	770	JIS K7127
(MD/TD)	70	900	915	930	JIS K/ 12/
Young's modulus	Va/mm²	53	50	47	JIS K7113
(MD/TD)	Kg/mm ²	50	47	45	JIS K7113
Haze	%	2.9	3.1	3.7	JIS K7105
Coefficient of Friction		0.24	0.18	0.16	ASTM D1894
NT/NT (Sta/Dyn)	ı	0.23	0.17	0.14	ASTM D1694
Wetting Tension	Dyne/cm	36	36	36	JIS K6768
Heat seal strength	Kg/15mm	7.7	7.8	7.8	TTS Method
(Before retort)	Ng/Tomm	/./	7.0	7.0	i i s ivietilou
Corona Treatment	_	Inside	Inside	Inside	_

 $REMARK: \, MD = Machine \,\, Direction, \, TD = Transverse \,\, Direction$

Heat Seal Strength condition: 160 °C, 2kgf/cm², and 1.0 sec., Substrate: ONY/CPP laminate.