



## Polyolefin shrink film

JT01 is a strong and high clarity biaxial oriented heat shrinkable film that has stable & balanced shrinkage and soft corner during packaging. With features of tough, cold resistant and soft, it can protect your products efficiently and doesn't emit harmful gas during usage. It is an economic product which works easily on most shrink packaging machines.

Available thickness: 12micron, 15micron, 19micron, 25micron and 30 micron.

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES				
THICKNESS			12um	15um	19um	25um	
<b>TENSILE</b>							
Tensile Strength (MD)	N/mm <sup>2</sup>	D882	116	111	111	96	
Tensile Strength (TD)			111	106	106	91	
Elongation (MD)	%		116	121	126	131	
Elongation (TD)			111	116	116	126	
<b>TEAR</b>							
MD	g	D1922	10.6	14.6	17.6	23.6	
TD			10.1	13.6	16.1	23.1	
<b>SEAL STRENGTH</b>							
MD/Hot Wire Seal	N/mm	F88	0.75	0.91	1.13	1.35	
TD/Hot Wire Seal			0.78	0.96	1.16	1.4	
<b>COF(film to Film)</b>							
Dynamic		D1894	0.33	0.32	0.32	0.35	
Static			0.34	0.33	0.34	0.36	
<b>OPTICS</b>							
Haze		D1003	2.3	2.7	3.3	4	
Clarity		D1746	98.6	98.1	97.1	95.1	
Gloss @ 45Deg		D2457	85.6	87.1	83.6	81.6	
<b>BARRIER</b>							
Oxygen Transmission Rate	cc/m <sup>2</sup> /day	D3985	11300	10800	7200	5400	
Water Vapor Transmission Rate	gm/m <sup>2</sup> /day	F1249	45.6	38.6	26.6	22.6	
<b>SHRINKAGE PROPERTIES</b>							
Free Shrinkage	100°C	%	D2732	MD	TD	MD	TD
	110°C			23	32	21	29
	120°C			39	46	35	46
	130°C			59	64	58	61
Shrink Tension	100°C	Mpa	D2838	1.9	2.75	1.95	2.65
	110°C			2.8	3.6	2.95	3.75
	120°C			2.9	3.75	3	3.7
	130°C			2.7	3.25	2.8	3.15

Note: This information represents our best judgment on the work done, but the company assumes no liability whatsoever in connection with the use of information or findings contained herein.