



Anti Fog Cross-Linked Shrink Film

It is low force shrink film, which can help soft and elastic products keeping good impact, without distortion. The shrink force is small enough that it can pack soft objects easily, while the strength is big enough that it is suitable for odd shape items. As JT05 can provide tight packing on odd shape items, the performance keeps glossy and without wrinkle. JT05 can pack heat sensitive items due to its low temperature shrinking feature. This soft shrink film is designed for showcase items such as books, magazines, computer manuals, or converted paper products .

Features: 1.low shrink force; 2.Extremely wide operating window; 3.Great shrinkage; 4.Low sealing and shrink temperature.

Available thickness: 15micron, 19micron

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES				
THICKNESS			12um	15um	19um	25um	
TENSILE							
Tensile Strength (MD)	N/mm ²	D882	76	71	71	66	
Tensile Strength (TD)			66	61	61	61	
Elongation (MD)	%		106	106	111	111	
Elongation (TD)			86	91	91	96	
TEAR							
MD	g	D1922	15.6	18.6	32.1	40.1	
TD			13.6	16.6	23.6	30.1	
SEAL STRENGTH							
MD/Hot Wire Seal	N/mm	F88	0.78	0.88	1.05	1.35	
TD/Hot Wire Seal			0.72	0.82	1.01	1.27	
COF(film to Film)							
Dynamic		D1894	0.31	0.28	0.27	0.31	
Static			0.32	0.29	0.28	0.32	
Static (Hot Slip) @ 60°C			0.39	0.37	0.36	0.35	
OPTICS							
Haze		D1003	3.2	3.7	4.3	4.6	
Clarity		D1746	97.6	98.1	97.1	95.1	
Gloss @ 45Deg		D2457	86.6	84.1	82.1	80.6	
BARRIER							
Oxygen Transmission Rate	cc/m ² /day	D3985	12300	11200	9400	6200	
Water Vapor Transmission Rate	gm/m ² /day	F1249	50	43	36	29	
SHRINKAGE PROPERTIES							
Free Shrinkage	80°C	%	D2732	MD	TD	MD	TD
	90°C			24	21	22	18
	100°C			30	33	28	27
	110°C			51	53	49	48
	120°C			60	61	56	57
	130°C			66	66	64	66
Shrink Tension	90°C	Mpa	D2838	1.7	1.8	1.8	1.85
	100°C			1.9	2	2.05	2.15
	110°C			2.05	2.1	2.25	2.3
	120°C			1.85	1.95	2	2.05

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.