



Printable POF Shrink Film

JT07 is designed and produced for the purpose of high quality printing. It is a film with good printing property. It is suitable for printing pictures with many colors and large size. It is compatible with both semi-automatic and automatic packaging systems.

Available thickness: 12micron, 15micron, 19micron, 25micron

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES				
THICKNESS			12um	15um	19um	25um	
TENSILE							
Tensile Strength (MD)	N/mm ²	D882	116	111	106	101	
Tensile Strength (TD)			131	136	126	121	
Elongation (MD)	%		126	131	141	136	
Elongation (TD)			136	146	156	151	
TEAR							
MD	g	D1922	3.1	5.1	8.1	9.1	
TD			4.1	6.1	7.1	12.1	
SEAL STRENGTH							
MD/Hot Wire Seal	N/mm	F88	1.15	1.35	1.75	2.1	
TD/Hot Wire Seal			1.25	1.45	1.95	2.25	
COF(film to Film)							
Dynamic		D1894	0.4	0.4	0.4	0.38	
Static			0.45	0.45	0.45	0.4	
Static (Hot Slip) @ 60°C			0.37	0.36	0.35	0.33	
OPTICS							
Haze		D1003	1.3	1.5	1.8	2.2	
Clarity		D1746	98.1	97.1	96.1	95.1	
Gloss @ 45Deg		D2457	93.1	92.1	91.1	90.1	
BARRIER							
Oxygen Transmission Rate	cc/m ² /day	D3985	7300	6600	5100	4700	
Water Vapor Transmission Rate	gm/m ² /day	F1249	35	29	24	21	
SHRINKAGE PROPERTIES							
Free Shrinkage	110°C	%	D2732	MD	TD	MD	TD
	120°C			15	27	14	26
	130°C			32	41	29	37
	140°C			48	59	46	57
Shrink Tension	110°C	Mpa	D2838	MD	TD	MD	TD
	120°C			2.5	2.9	2.6	3
	130°C			3.5	4	3.6	4.2
	140°C			4	4.5	4.2	4.8
				3.9	4.3	4	4.6

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.