

ZDF-01 POLYOLEFIN SHRINK FILM TECHNICAL DATA

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES				
			12um	15um	19um	25um	
THICKNESS							
TENSILE							
Tensile Strength(MD)	N/mm ²	D882	115	110	110	95	
Tensile Strength(TD)			110	105	105	90	
Elongation(MD)	%		115	120	125	130	
Elongation(TD)			110	115	115	125	
TEAR							
MD	g	D1922	10,5	14,5	17,5	23,5	
TD			10,0	13,5	16,0	23,0	
SEAL STRENGTH							
MD\Hot Wire Seal	N/mm	F88	0,65	0,81	1,03	1,25	
TD\Hot Wire Seal			0,68	0,86	1,06	1,30	
COF(Film To Film)							
Static	-	D1894	0,23	0,22	0,22	0,25	
Dynamic			0,24	0,23	0,24	0,26	
OPTICS							
Haze		D1003	2,2	2,6	3,2	3,9	
Clarity		D1746	98,5	98,0	97,0	95,0	
Gloss @ 45Deg		D2457	85,5	87,0	83,5	81,5	
BARRIER							
Oxygen Transmission	cc/m ² /day	D3985	11300	10800	7200	5400	
Water Vapor transmission Rate	gm/m ² /day	F1249	45,5	38,5	26,5	22,5	
SHINKAGE PROPERTIES			MD	TD	MD	TD	
Free Shinkage	100°C	%	D2732	22	31	20	28
	110°C			38	45	34	45
	120°C			58	63	57	60
	130°C			65	67	64	65
Shink Tension	100°C	Mpa	D2838	1,80	2,65	1,85	2,55
	110°C			2,70	3,50	2,85	3,65
	120°C			2,80	3,65	2,90	3,60
	130°C			2,60	3,15	2,70	3,05

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.