

Z101 HIGH PERFORMANCE CROSS-LINKED SHRINK FILM TECHNICAL DATA

TEST ITEM	UNIT	ASTM TEST	11um	15um	19um
GAUGE					
TENSILE					
Tensile Strength(MD)	N/mm ²	D882	95	90	85
Tensile Strength(TD)			85	80	80
Elongation(MD)	%		125	130	130
Elongation(TD)			115	120	120
TEAR					
<u>MD at400gm</u>	gf	D1922	10,0	13,5	19,5
<u>TD at400gm</u>			9,5	14,5	21,5
SEAL STRENGTH					
MD\Hot Wire Seal	N/mm	F88	1,3	1,45	1,75
TD\Hot Wire Seal			1,4	1,55	1,75
COF(Film To Film)					
Static		D1894	0,23	0,20	0,24
Dynamic			0,25	0,21	0,23
OPTICS					
Haze		D1003	2,4	2,5	2,8
Clarity		D1746	99,0	98,8	98,0
Gloss @ 45Deg		D2457	88,0	88,0	87,5
BARRIER					
Oxygen Transmission Rate	cc/m ² /da	D3985	9400	8700	5900
Water Vapor transmission Rate	gm/m ² /da	F1249	31,5	27,8	19,5
SHINKAGE PROPERTIES			MD	TD	
Free Shinkage	90°C	%	D2732	17	23
	100°C			35	42
	110°C			59	66
	120°C			79	77
			MD	TD	
Shink Tension	90°C	Mpa	D2838	1, 70	1, 85
	100°C			1, 90	2, 55
	110°C			2, 50	3, 20
	120°C			2, 70	3, 50

MD\Machine Direction TD\Transverse Direction

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