

POLYOLEFIN SHRINK FILM TECHNICAL DATA

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES				
			12um	15um	19um	25um	
GAUGE							
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							
<u>MD at400gm</u>							
	gf	D1922	10.5	14.5	17.5	23.5	
<u>TD at400gm</u>			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	0.25	0.22	0.22	0.25	
Dynamic			0.24	0.20	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
			D2457	85.5	87.0	83.5	81.5
Gloss @ 45Deg							
BARRIER							
Oxygen Transmission Rate	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	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	

MD\Machine Direction TD\Transverse Direction

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.