

Plaspac 1325T Forming Film Technical Data

PROPERTY	5 MIL 1325T	6 MIL 1325T	8 MIL 1325T	12 MIL 1325TBH	TEST METHOD
Yield	6,000 MSI per LB	5,000 MSI per LB	3,750 MSI per LB	2,500 MSI per LB	
Tensile Strength PSI (MPa)					
MD	4,322 (29.8)	4,264 (29.4)	6,614 (45.6)	3,046 (21.0)	ASTM D 882
TD	4,598 (31.7)	4,917 (33.9)	6,092 (42.0)	2,886 (19.9)	
Tensile Load at Break lbs/in (N)					
MD	21.6 (96.1)	25.6 (113.6)	52.3 (117.5)	36.5 (81.1)	ASTM D 882
TD	23.0 (102.3)	29.2 (129.8)	48.8 (108.5)	34.6 (76.9)	
% Elongation at Break					ASTM D 882
MD	625%	713%	1,230%	388%	
TD	991%	1,165%	1,217%	466%	
Secant Modulus PSI (MPa)					ASTM D 882
MD	26,934 (185.7)	24,177 (166.7)	10,269 (70.8)	42,931 (269.2)	
TD	15,360 (105.9)	15,998 (110.3)	10,718 (73.9)	31,154 (214.8)	
Tear Strength gf					Elmendorf
MD	1,379	2,288	3,688	704	
TD	960	1,350	2,726	698	
Dart Drop Impact Joules	16.2	15.7	19.9	16.5	ASTM D 4272
COF Static/Kinetic					ASTM D 1894
Film to Film	0.07 / 0.06	0.08 / 0.06	0.06 / 0.04	0.09 / 0.08	
Film to Metal	0.15 / 0.09	0.11 / 0.08	0.08 / 0.06	0.14 / 0.11	
Glebo Flex Pin Holes 6"x 8" area					ASTM F 392 1,000 Cycles Full Flex
MD	1.7	0.3	1.5	5.5	
TD	2.2	3.7	1.7	5.5	
WVTR gm/100si/24hrs	0.163	0.136	0.102	0.059	100 F 90% RH