



EPT XTRM PLY PVC HP -7100 Series ASTM-7176 / FG 1115 * 1 Single Ply Homogenous Sheet March 2017
Made in the USA In Hillside, NJ 07205

Coating						
Polymer	PVC					
Color	Black					
Sealing	RF	Hot Air	Wedge			
Width	60"	86"	120"			
Physical Properties (nominal)	Tolerance	Method	<u>20 Mil</u>	<u>30 Mil</u>	<u>40 Mil</u>	<u>60 Mil</u>
			*1 Ply	*1 Ply	*1 Ply	*1 Ply
Grab Tensile Strength	lb/in	D882	48	73	97	137
Tensile Elongation	%	D882	360	380	430	450
Tensile Modulus	lb/in	D882	21	32	40	60
Tear Strength	lb	D1004	6	8	10	15
Dimensional Stability	%	D1204	4	3	3	3
Low Temp. Impact	C	D1790	-26	-29	-29	-29
Specific Gravity (min)	g/cc	D792	1.20	1.20	1.20	1.20
Water Extraction % Loss Max.	%	D792	0.15	0.15	0.15	0.15
Avg. Plasticizer Molecular Weight	-	D2124	400	400	400	400
Volatile Loss	%	D1203	0.9	0.7	0.5	0.5
Soil Burial Break Strength	%	G160	5.0	5.0	5.0	5.0
Soil Burial Elongation	%	G160	20	20	20	20
Soil Burial Elongation at 100%	%	G160	20	20	20	20
Hydrostatic Resistance	Psi	D751	68	100	120	180
Seam Shear Strength	lb/in	D882	38.4	58.4	77.6	116
Seam Peel Strength	lb/in	D882	12.5	15	15	15

We believe this information is the best currently available on the subject. It is provided as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge, information and experience are gained. We make no guarantee of results and assume no obligation or liability whatsoever in connection with this information. In case of conflict between standard and metric specifications, standard shall apply.