



EPT XTRM PLY PVC 7100 Series ASTM-7176-22 & FGI-1120 June 2024 Made in the USA in Hillside, NJ 07205 USA

Build America Buy American Act Compliant "BABAA"

Coating - * 1 Single Ply Homogenous Sheet		PFAS FREE					
Polymer	PVC	ASTM-7176-22	FGI-1120				
Color	Black						
Sealing	RF	Hot Air	Wedge				
Width			120"				
Physical Properties (nominal)	Tolerance	Method	<u>20 Mil</u>	<u>30 Mil</u>	<u>40 Mil</u>	<u>50 Mil</u>	<u>60 Mil</u>
Grab Tensile Strength	lb/in	D882	48	73	97	116	137
Tensile Elongation	%	D882	360	380	430	430	450
Tensile Modulus	lb/in	D882	21	32	40	50	60
Tear Strength	lb	D1004	6	8	10	13	15
Dimensional Stability	%	D1204	4	3	3	3	3
Low Temp. Impact	C	D1790	-26	-29	-29	-29	-29
Specific Gravity (min)	g/cc	D792	1.20	1.20	1.20	1.20	1.20
Water Extraction % Loss Max.	%	D792	0.15	0.15	0.15	0.15	0.15
Avg. Plasticizer Molecular Weight	-	D2124	400	400	400	400	400
Volatile Loss	%	D1203	0.9	0.7	0.5	0.5	0.5
Soil Burial Break Strength	%	G160	5.0	5.0	5.0	5	5.0
Soil Burial Elongation	%	G160	20	20	20	20	20
Soil Burial Elongation at 100%	%	G160	20	20	20	20	20
Hydrostatic Resistance	Psi	D751	68	100	120	150	180
Seam Shear Strength	lb/in	D882	38.4	58.4	77.6	96.8	116
Seam Peel Strength	lb/in	D882	12.5	15	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.