



Revision Date: 2/10/2023
Approved by: SM
Version: 1

PRODUCT SPECIFICATION

PRODUCT ID # : 30022-30021-30120-559 (Smooth); 30022-30021-30120-559N (Dimple)

EPT Xtrmply LLDPE Reinforced Geomembrane 30mil, Fish-Grade, Black / Grey

Base Fabric		
Weight	2.6 oz/yd2	(88 g/m2)
Yarn	Polyester	
Coating		
Polymer	LLDPE	
Color	Black / Grey	
Sealing	Hot air, Wedge	
Width	120.0 in	

Physical Properties	Units	Test Method	Typical value	
Thickness	mils	ASTM D751	30.0 (± 5%)	
	mm		0.76	
Asperity Height (nominal)	mils	ASTM D 751	7 mils (Dimple finish only)	
	mm		0.18	
Weight	oz/yd ²	ASTM D751	20.0 (± 5%)	
	g/m ²		678	
Tear Resistance	lbs	ASTM D 5884	70 (MD)	70 (TD)
(Tongue Tear)	N		311 (MD)	311 (TD)
Breaking Strength	lbs	ASTM D 7004	220 (MD)	220 (TD)
(Grab Tensile)	N		979 (MD)	979 (TD)
Elongation	%	ASTM D 7003	22.0%	
Adhesion- Ply	lb/in	ASTM D 6636	30	
	N/25mm		131	
Adhesion- Weld	lb/2in	ASTM D413	30	
	N/50mm		263	
Low Temperature Bend Test (1/8" Mandrel, 4 hours)	°F	ASTM D2136	-40	
	°C		-40	
Low Temperature Impact Test	°F	ASTM D2137	-40	
	°C		-40	
Puncture Resistance	lbs	ASTM D4833	75	
(Flat Tip)	N		334	
Dimensional Stability (Max)	%	ASTM D1204	2.0%	
Maximum Static Use Temperature	°F	-	180 intermittent	
Minimum Static Use Temperature	°F	-	-70	
Standard OIT	min	ASTM D 3895	100 min	
Microtox Testing		MC 1995	Non-toxic	
Daphnia magna 48-hour non-renewal acute toxicity test		OECD 202	Non-toxic	
Pimephales promelas 96-hour non-renewal acute toxicity test		OECD 203	Non-toxic	

This product conforms with GRI-GM 25

Product Specifications are minimum values, actual results may be higher

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, warranty or liability whatsoever in connection with this information. In case of conflict between standard and metric specifications, standard shall apply