

Product Specification

EPT Xtrm Ply PW Black - 30mil/ 28 oz NSF 61

PRODUCT ID # : 7094-3060-559

Base Fabric		
Weight	2.6 oz/yd2	(88 g/m2)
Yarn	Polyester	
Coating		
Polymer	EIA/KEE	
Color	Black	
Width (XXX)	60 in	120.0 in

Physical Properties		Units	Test Method	Typical value	
Thickness		mils	ASTM D751	30.0 (± 5%) *	
		mm		0.76	
Weight		oz/yd ²	ASTM D751	28.0 (± 5%) *	
		g/m ²		949	
Tear Strength (Trap Tear)		lbf	ASTM D4533	30 (MD)	30 (TD)
		N		133 (MD)	133 (TD)
Tear Strength (Tongue Tear)		lbs	ASTM D751 - B	30 (MD)	30 (TD) *
		N		134 (MD)	134 (TD)
Breaking Strength (Grab Tensile)		lbs	ASTM D751-A	200 (MD)	200 (TD) *
		N		890 (MD)	890 (TD)
Breaking Strength (1" Strip Tensile)		lbs	ASTM D 882	150 (MD)	150 (TD)
		N		667 (MD)	667 (TD)
Elongation (Grab Tensile)		%	ASTM D751-A	20.0% *	
Hydrostatic Resistance (Mullen Tester)		psi	ASTM D751-A	350 *	
		Mpa		2.42	
Abrasion Resistance (H18 wheel, 1000g load)		cycles	ASTM D3884	350	
Adhesion- Ply		lb/in	ASTM D751	10	
		N/25mm		44	
Adhesion- Weld		lb/2in	ASTM D413	20	
		N/50mm		175	
Blocking Resistance (Max)		Rating	ASTM D751	1	
Puncture Resistance (Screw Tip)		lbs	ASTM D751	60	
		N		266	
Puncture Resistance (Flat Tip)		lbs	ASTM D4833	100 *	
		N		445	
Bursting Strength (Ball Tip)		lbf	ASTM D751	300 *	
		N		1330	
Dimensional Stability (Max)		%	ASTM D1204	2.0%	
Accelerated Weathering (QUV)		hours	ASTM G 154	5000	
PVC and KEE content		%	ASTM D 8154	Exceeds 10% *	
Low Temperature Bend Test		°F	ASTM D2136	-25	
		°C		-32	
Maximum Static Use Temperature		°F		170	
		°C		77 C Con. / 93C Int.	
Chlorinated water resistance (10ppm) star fold @50C for 90 days	Pass/Fail	GRI GM24	Pass *		
Chlorinated water resistance (50ppm) star fold @50C for 180 days		GRI GM24	No cracking *		
Tensile properties after 90 days in chlorinated immersion 10ppm and 50ppm	Retained 80% min	ASTM D 822	+80% *		
Oven aging @ 85C for 90 days	Pass/Fail	ASTM D5721	Pass *		
Tensile properties after 90 days in oven aging	Retained 80% min	ASTM D 822	+80%*		
* Meets or exceeds GRI GM34					
This product conforms with NSF/ANSI 61 Drinking water system components - Protective Barrier Materials (>= 1500 gal.) and AS/NZS 4020:2018 .					

This document is a draft and is provided for information purpose only.
The information contained herein is subject to change. Final Version will be published as soon as adopted.

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