

Product Specification

EPT Xtrm Ply PW Black - 35mil/ 32 oz NSF 61

PRODUCT ID # : 7094-3560-559

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

Physical Properties	Units	Test Method	Typical value	
Thickness	mils	ASTM D751	35.0 (± 5%) *	
	mm		0.89	
Weight	oz/yd ²	ASTM D751	32.0 (± 5%) *	
	g/m ²		1084	
Tear Strength (Trap Tear)	lbf	ASTM D4533	30 (MD)	30 (TD)
	N		133 (MD)	133 (TD)
Tear Strength (Tongue Tear)	lbs	ASTM D751- B	35 (MD)	* 35 (TD)
	N		156 (MD)	156 (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	400 *	
	Mpa		2.76	
Abrasion Resistance (H18 wheel, 1000g load)	cycles	ASTM D3884	400	
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	70	
	N		311	
Puncture Resistance (Flat Tip)	lbs	ASTM D4833	110 *	
	N		489	
Bursting Strength (Ball Tip)	lbf	ASTM D751	325 *	
	N		1446	
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 .

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Product Specifications are minimum values, actual results may be higher

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