



Izumi America

AXTAR® POLYESTER FILTER MEDIA FOR PLEATED CARTRIDGE FILTERS

PROPERTIES

G2130-1s		
Weight: g/m ² (oz./sq. yd.) ± 10 g (0.295 oz./sq.yd.)	130 (3.83)	Available in White and Black
Thickness: mm (in.) ± 0.03 mm (0.0012 in.)	0.41 (.016)	
Density: g/cm ³	.317	
Tensile Strength: N / 5 cm. (lbs./in.)	MD 440 (50) CD 245 (28)	Strip Method
Tearing Strength: N (lbs.)	MD - (-) CD - (-)	Single Tongue Method
Flex Resistance (Cycles)		MIT Shape Method (Maximum Load: 2 kgs.)
Bursting Strength: kg./cm.2 (lbs./sq. in.)	- (-)	Mullen Method
Air Permeability: cc/cm ² /sec. @ 1/2 " W.G. (CFM) ± (6.0)	5.033 (65)	Frazer Method
Collection Efficiency: %	0.3 - 0.5 µm 28 0.5 - 1.0 µm 38 1.0 - 2.0 µm 48 2.0 - 5.0 µm 79 Over 5.0 µm 100	Dust: Atmosphere Velocity: 3.0m/min. (9.85 ft./min.)
Pressure Drop: mm Aq (in.)	- (-)	
Pore Size: µm	Minimum - Peak 44 Maximum 79	Bubble Point Method
Maximum Continuous Operating Temperature °C (°F)	120 (250)	
Maximum Short Term Operating Temperature °C (°F)	145 (295)	Maximum time: 30 minutes
Relative Moisture Regain %	.4	At 20° C (68° F) & 65% relative moisture
Shrinkage (Maximum %)	MD CD	

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