Gas Diffusion Layer non-woven fabric

Material type: GDL -29BA-

Material Properties

Properties		Units	Range		
Areal weight [1]		g/m²	**40**	±	**10**
Thickness	(@ 5 psi load) [2]	µm	190	±	30
	(@ 1 MPa load) [3]		**125**	±	**30**
	(@ 2 MPa load) [2]		105	±	30
TP El. Resistance	(@ 1 MPa load) [4]	mΩ x cm²		<	**6**
IP Pressure Drop	(@ 1MPa load) [5]	bar		<	0,4

Specified material properties: [1] Internal, based on DIN EN ISO 536; [3] Internal, based on DIN EN ISO 9073; [4] Internal, based on DIN 51911

Additional data: [2] Internal, based on DIN EN ISO 9073; [5] Internal, based on Darcy's Law @ 0,5 slpm

Abbreviation/Units: TP = Through plane; IP = In plane; 5 psi = 0.0345 MPa

Note: Actual values based on the average value measured on ring shaped samples with inner-/outerdiameter (12/40)mm over the width of the roll and a 2-sigma normal distribution with a 95,4% confidence interval.

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