

Freudenberg Gas Diffusion Layers for PEMFC and DMFC

Selected product properties

		H2315	H2315 T10A	H2315 I6	H2315 I3 C1	H2315 T10A C1
Hydrophobic treatment			☑	☑	☑	☑
Micro porous layer					☑	☑
Property	unit	H2315	H2315 T10A	H2315 I6	H2315 I3 C1	H2315 T10A C1
Thickness @ 0.025 MPa	μm	210	210	210	260	250
Area weight	g/m ²	95	105	115	145	135
Through plane resist. @ 0.6 MPa	mWcm ²	8	15	10	15	22
In plane resistance	W	1	1	0.8	0.8	1
Through plane air permeability *	l/m ² · s	410	340	160	3	3
In plane air permeability	μm ²	5	4	2	2	3
Tensile strength	N/50mm	30	60	70	80	55

* Through plane air permeability is measured at a pressure drop of 200Pa

The above data are averages and are not intended as product specifications

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