



Nano-Tek (UK) Technology Ltd,
Nano-Tek.co.uk
Email: enquiries@nano-tek.co.uk
Tel: +44 (0)870 428 5818

February 2009

Gas Diffusion Layer Data Sheet

(Fuel Cell Base Layer Electrode Material Data)

Physical Properties

| GDL Code | Thickness (mm) | Area Weight (g/m ²) | Air Permeability (cm ³ /cm ² *s) | Specific Electrical Resistivity (mOhm*cm ²) |
|--|----------------|---------------------------------|--|---|
| NT-FM30K-H (standard material) | 0.2 | 150 | 60 | 5 |
| NT-FM30K-H-P2 (with ultra-thin hydrophobic coating) | 0.2 | 150 | 60 | 5 |
| NT-NITMOSPA-H (oxidation resistant) | 0.2 | 155 | 50 | 5 |
| NT-NIOCT-H (highly conductive) | 0.2 | 165 | 50 | 0.5 |

Please note these values are subject to product improvement over time.