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ANALYSIS REPORT

N_2 adsorption isotherm at 77 K

1. Device: ASAP 2020

2. Sample preparation

Sample	Pre-drying	Outgassing	Pressure range p/p ₀	Comments
Mat. 1	120°C/1h 1 bar	300°C/3h	0.01 – 0.96	Sample mas lost after outgassing: 0,1%
Mat. 2		down to <1µmHg		Sample mas lost after outgassing: 0,1%

3. Analysis summary

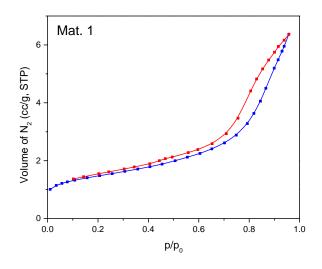
Sample	S _{BET} (m ² /g)	V _T (cm ³ /g)	L (nm)
Mat. 1	5.17	0.00985	3.8
Mat. 2	4.67	0.00900	3.9

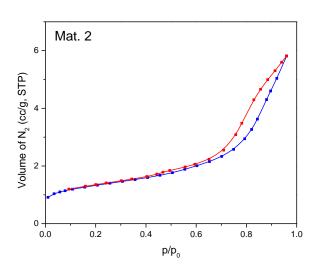
S_{BET} – BET surface area

 V_T – Total pore volume $\,$ <50nm

L – Average pore size <50nm (assuming cylindrical pore shape)

4. Figures





Analysis done by: Krzysztof Kierzek