

ANALYSIS REPORT

N₂ 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 down to <1µmHg	0.01 – 0.96	Sample mas lost after outgassing: 0,1%
Mat. 2				Sample mas lost after outgassing: 0,1%

3. Analysis summary

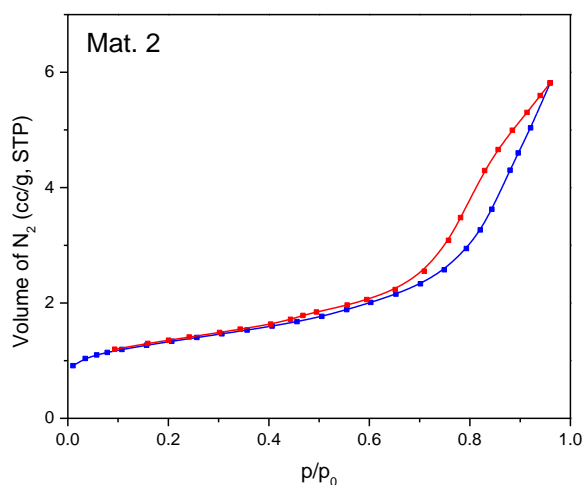
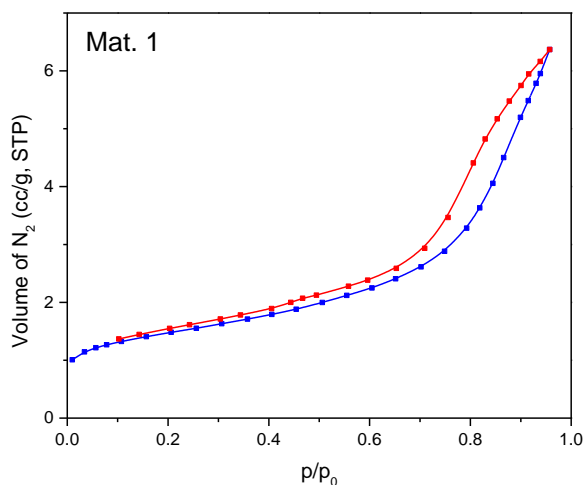
Sample	S_{BET} (m ² /g)	V_T (cm ³ /g)	L (nm)
Mat. 1	5.17	0.00985	3.8
Mat. 2	4.67	0.00900	3.9

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