

Sample : Prega Coal

Sample weight :

Sample delivered :

Sample number : Average Analyse from 2024 to 2025

Test date : 25.08.2025

|                                |           |                         |        |                                |
|--------------------------------|-----------|-------------------------|--------|--------------------------------|
| Moisture                       | $W_t^r$   | [%]                     | 7,5    | CSN ISO 579                    |
| Moisture                       | $W^a$     | [%]                     | 1,46   | CSN ISO 44 1377                |
| Ash                            | $A^d$     | [%]                     | 29,43  | CSN ISO 1171                   |
| Volatiles                      | $V^d$     | [%]                     | 6,53   | CSN ISO 562                    |
| Volatiles                      | $V^{daf}$ | [%]                     | 7,50   | CSN ISO 562                    |
| Sulphur                        | $S_t^d$   | [%]                     | 1,10   | CSN ISO 19579                  |
| SI                             |           | [-]                     | 0      | CSN ISO 501                    |
| Dilatation                     | b         | [%]                     | 1,00   | CSN ISO 8264                   |
| Hardgrowe                      | HGI       |                         | 74     |                                |
| Cd                             | $C^d$     | [%]                     | 55,33  | CSN ISO 29541                  |
| Hd                             | $H^d$     | [%]                     | 1,36   | CSN ISO 29541                  |
| Nd                             | $N^d$     | [%]                     | 0,44   | CSN ISO 29541                  |
| Caloric Value                  | $Q_s^a$   | [MJ/kg]                 | 29,73  | CSN ISO 1928, CSN ISO 44 1310  |
| Caloric Value                  | $Q_i^r$   | [MJ/kg]                 | 21,70  | CSN ISO 1928, CSN ISO 44 1310  |
| Emission factor                | EF        | [t CO <sub>2</sub> /TJ] | 104,50 | CSN ISO 29541, CSN ISO 44 1310 |
| CaO                            |           | [% hm.]                 | 0,7    | CSN ISO 1171                   |
| MgO                            |           | [% hm.]                 | 0,63   | CSN ISO 1171                   |
| Fe <sub>2</sub> O <sub>3</sub> |           | [% hm.]                 | 4,85   | CSN ISO 1171                   |
| Al <sub>2</sub> O <sub>3</sub> |           | [% hm.]                 | 20,10  | CSN ISO 1171                   |
| SiO <sub>2</sub>               |           | [% hm.]                 | 50,93  | CSN ISO 1171                   |
| K <sub>2</sub> O               |           | [% hm.]                 | 2,69   | CSN ISO 1171                   |
| Na <sub>2</sub> O              |           | [% hm.]                 | 0,46   | CSN ISO 1171                   |
| TiO <sub>2</sub>               |           | [% hm.]                 | 1,24   | CSN ISO 1171                   |
| MnO                            |           | [% hm.]                 | 0,1    | CSN ISO 1171                   |
| P <sub>2</sub> O <sub>5</sub>  |           | [% hm.]                 | 0,07   | CSN ISO 1171                   |