



PRODUCT SPECIFICATIONS

PRODUCT NAME: PIROSIL PS-300

CODE: SP-210-12

| PHYSICAL AND CHEMICAL PROPERTIES | UNITS | LIMITS | GASSVEN TEST METHODS | INTERNATIONAL METHODS |
|--|----------------------|--|----------------------|-----------------------|
| SiO ₂ Content | % | 98 Min. | MI-05-033 | ISO 3262/19 |
| Loss on Drying (2 h at 105°C) | % | 3.0 – 6.0 | MI-05-022 | ISO 787/2 |
| Loss on Ignition at 1050°C | % | 4.0 – 6.0 | MI-05-022 | ISO 3262/19 |
| pH Value (5% Slurry) | - | 6.0 – 7.5 | MI-05-025 | ISO 787/9 |
| BET Surface Area | m ² /g | 170 – 200 | MI-05-031 | ISO 5794/1 |
| DBP Oil Absorption | ml/100g | 280 – 300 | MI-05-029 | ASTM D281-12 |
| Sieve Residue on 325 mesh | % | 0.1 Max. | MI-05-028 | ISO 787/7 |
| Tapped Density | g/l | 160 Max. | MI-05-027 | ISO 787/11 |
| Soluble salts content | % | 3.5 Max. | MI-05-030 | ISO 787/13 |
| Average Particle Size (OMEC) | µm | 5.5 – 7.0 | MI-05-032 | ISO 13320-1 |
| Average Particle Size (Malvern) | µm | 11.0 – 18.0 | MI-05-032 | ISO 13320-1 |
| REGULATORY INFORMATION | HANDLING AND STORAGE | | | |
| CAS Registry: 112926-00-8 (7631-86-9) EINECS Registry: 231-545-4 | HANDLING: | This product can be handled in the same way as any other inert material. | | |
| | STORAGE: | Store in dry, odorless and close places, protected from volatile substances. | | |
| SHELF LIFE | | | | |
| The PIROSIL® products are inert and stable chemically, and their composition does not change over time. However, they can absorb ambient moisture and volatile organic compounds during storage. For this reason, our recommended use is 24 months from manufacturing date. The products stored beyond this period should be re-tested for moisture content in order to ensure that it is still suitable for the intended application. | | | | |

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