PRODUCT SPECIFICATIONS

PRODUCT NAME: PIROSIL PS-300

CODE: SP-210–12

PHYSICAL AND CHEMICAL PROPERTIES	UNITS	LIMITS	GLASSVEN TEST METHODS	INTERNATIONAL METHODS.
SiO_2 Content	%	98 Min.	MI–05 –033	ISO 3262/19
Loss on Drying (2 h at 105ºC)	%	3.0 – 6.0	MI–05-022	ISO 787/2
Loss on Ignition at 1050ºC	%	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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