

# AG 1/5-400 Substrates

Client : Quality Control Argex  
 0032/32.50.15.15

<b>lab</b>	
<b>Aggregate Size</b>	1/5 mm
<b>Certifications</b>	EN 13055 : EU Regulation (EU) No 2019/1009 (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Crushed			EN 13055
Loose Bulk Density (+- 25% of declared value)	300	449 kg/m <sup>3</sup>	500	400	EN 12580
Water Content ( from silo )	0.0	0.7 %	20.0		EN 1097-5
Water Absorption 5'	26.02	30.14 %	33.35		EN 1097-6 annex D
Cleanliness		Pass			EN 1744-1
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1
As		13.98 mg/kg	40.00		EN 13650
Cd		0.50 mg/kg	1.50		EN 13650
Chloride		2.37 mg Cl/l	50.00		F & P
Cr VI		0.30 mg/kg	2.00		EN 15192
Cu		89.21 mg/kg	300.00		EN 13650
Fluoride		0.71 mg F/l	5.00		F & P
Hg		0.04 mg/kg	1.00		ISO 16772
Sodium		9.32 mgNa <sub>2</sub> O/l	50.00		F & P
Ni		34.52 mg/kg	100.00		EN 13651
Pb		30.34 mg/kg	120.00		EN 13650
Salt Content		0.40 gKCl/l	1.25		F&P
Zn		371.00 mg/kg	800.00		EN 13650
Electrical Conductivity		0.34 mS/cm			EN 13038
pH	5.50	8.31			F & P
pH	5.50	6.30			EN 13037

Grading ( EN 933-1 )				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		3.9		
0.125		6.1		
0.250		8.2		
0.500		11		
1.000	0	15	25	
2.000		23		
3.150		46		
4.000		63		
5.000	75	88	100	
6.300		98		

