

AR 4/10-550

Client : Quality Control Argex
 0032/32.50.15.15

lab	Quality Control Argex 0032/32.50.15.15
Aggregate Size	4/10 mm
Certifications	EN 13055 : . (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Round			EN 13055
Crushing Resistance (T-2x30")	2.22	4.81 N/mm ²	6.59		EN 13055
Loose Bulk Density (+- 15% of declared value)	468	567 kg/m ³	632	550	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	819	1038 kg/m ³	1107	970	EN 1097-6 annex C
Freezing & Thawing Resistance		2.3 %	3.3		EN 1367-7
Los Angeles + Micro Deval (4-6.3)		NPD			EN 1097-1 & 2
Los-Angeles (4-6.3)		NPD			EN 1097-2
Polished Stone Value		NPD			EN 1097-8
Volume Stability		0.22 %	0.50		EN 1367-8
Water Content (from silo)	0.0	4.0 %	15.0		EN 1097-5
Water Absorption 5'	9.30	11.39 %	12.78		EN 1097-6 annex C
Water Absorption 1h	12.59	14.94 %	16.60		EN 1097-6 annex C
Water Absorption 24h	18.26	22.68 %	25.62		EN 1097-6 annex C
Alkali Silica Reactivity		NPD			EN 13055
Chloride		0.005 %	0.010		EN 1744-1
Cleanliness		Pass			EN 1744-1
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1
Total Sulphur		0.21 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.071 %	0.500		EN 1744-1

Grading (EN 933-1)				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.3		
2.000		1.0		
3.150		2.1		
4.000	0.0	4.5	15.0	
6.300		55		
8.000		92		
10.000	90	99	100	
12.500		100		

