

# 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")	2.25	4.42 N/mm <sup>2</sup>	6.80		EN 13055
Loose Bulk Density (+- 15% of declared value)	468	541 kg/m <sup>3</sup>	632	550	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	819	962 kg/m <sup>3</sup>	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	4.3 %	15.0		EN 1097-5
Water Absorption 5'	8.90	11.51 %	13.21		EN 1097-6 annex C
Water Absorption 1h	13.52	15.76 %	17.45		EN 1097-6 annex C
Water Absorption 24h	19.99	24.04 %	27.11		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		0.26 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.046 %	0.500		EN 1744-1

Grading ( EN 933-1 )				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.1		
2.000		0.5		
3.150		2.1		
4.000	0.0	6.6	15.0	
6.300		51		
8.000		92		
10.000	90	99	100	
12.500		100		

