

# AR 4/10-430

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 : NL BSB K73820 (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Round			EN 13055
Apparent Particle density		1096 kg/m <sup>3</sup>			EN 1097-6 annex C
Crushing Resistance (T-2x30")	1.20	2.80 N/mm <sup>2</sup>	5.00		EN 13055-1
Loose Bulk Density (+- 15% of declared value)	366	464 kg/m <sup>3</sup>	495	430	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	638	835 kg/m <sup>3</sup>	863	750	EN 1097-6 annex C
Saturated And Surface Dried Particle Density		1090 kg/m <sup>3</sup>			EN 1097-6 annex C
Freezing & Thawing Resistance		1.1 %	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		0.09 %	0.22		EN 1367-8
Water Content ( from silo )	0.0	5.4 %	15.0		EN 1097-5
Water Absorption 5'	11.13	16.75 %	21.62		EN 1097-6 annex C
Water Absorption 1h	13.79	20.15 %	25.23		EN 1097-6 annex C
Water Absorption 24h	21.02	30.70 %	36.91		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		0.25 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.084 %	0.500		EN 1744-1

Grading ( EN 933-1 )				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.7		
2.000		1.7		
3.150		3.3		
4.000	0.0	7.5	15.0	
6.300		45		
8.000		78		
10.000	90	99	100	
12.500		100		

