

# AR 4/10-550

Client : Quality Control Argex  
 0032/32.50.15.15

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

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Round			EN 13055
Crushing Resistance (T-2x30")	2.22	4.60 N/mm <sup>2</sup>	6.59		EN 13055
Loose Bulk Density (+- 15% of declared value)	468	571 kg/m <sup>3</sup>	632	550	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	819	1034 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	4.0 %	15.0		EN 1097-5
Water Absorption 5'	9.22	11.01 %	13.44		EN 1097-6 annex C
Water Absorption 1h	12.48	14.57 %	17.54		EN 1097-6 annex C
Water Absorption 24h	18.26	22.74 %	28.07		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		0.068 %	0.500		EN 1744-1

Grading ( EN 933-1 )				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.4		
2.000		1.1		
3.150		2.6		
4.000	0.0	6.9	15.0	
6.300		55		
8.000		93		
10.000	90	100	100	
12.500		100		

