

AR 4/12-380

Client : Quality Control Argex
 0032/32.50.15.15

lab	Quality Control Argex 0032/32.50.15.15
Aggregate Size	4/12.5 mm
Certifications	EN 13055 : . (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Round			EN 13055
Crushing Resistance (T-2x30")	0.85	2.24 N/mm ²	2.80		EN 13055
Loose Bulk Density (+- 15% of declared value)	323	416 kg/m ³	437	380	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	561	733 kg/m ³	759	660	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'	17.15	19.50 %	21.48		EN 1097-6 annex C
Water Absorption 1h	21.96	23.07 %	25.33		EN 1097-6 annex C
Water Absorption 24h	33.71	36.34 %	40.54		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		0.29 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.036 %	0.500		EN 1744-1

Grading (EN 933-1)				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.8		
2.000		2.0		
3.150		3.8		
4.000	0.0	9.1	15.0	
6.300		40		
8.000		63		
10.000		90		
12.500	90	100	100	

