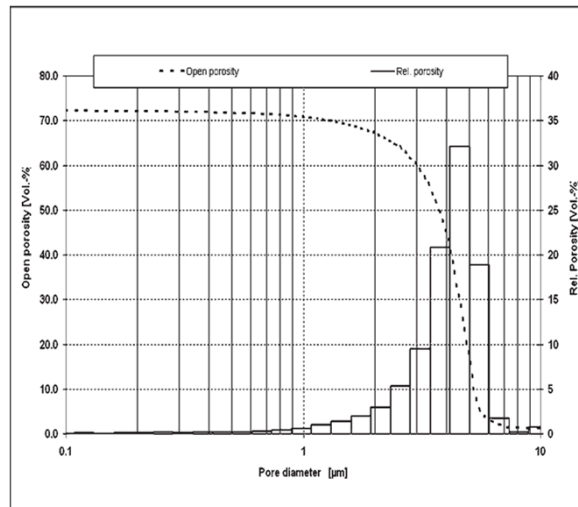
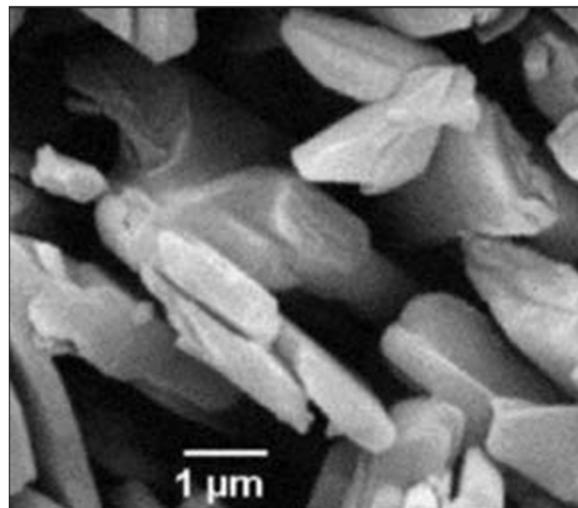


Super Lightweight Aggregate SLA 92

Chemical Composition	Unit	Typical	Min.	Max.
Al ₂ O ₃	[%]	91	90	
CaO	[%]	8.5		9.2
Na ₂ O	[%]	0.40		0.5
SiO ₂	[%]	0.07		0.2
Fe ₂ O ₃	[%]	0.04		0.1
Physical Properties				
Loose Bulk Density	[kg/l]	0.4-0.5		
Bulk Specific Gravity	[g/cm ³]	0.80		0.95
Phase Composition	CA ₆ (CaO•6 Al ₂ O ₃)		Major	
	CA ₂		Minor	
	α-Al ₂ O ₃		Minor	
Available Sizes	3 - 6 mm			
	1 - 3 mm			
	0 - 1 mm			
	Unit	Typical	Min.	Max.
3 - 6 mm				
+ 6.30 mm	[%]	0	0	10
+ 5.00 mm	[%]	15		
+ 4.00 mm	[%]	40		
+ 3.15 mm	[%]	35		
+ 2.00 mm	[%]	10		
- 2.00 mm	[%]	0	0	10
1 - 3 mm				
+ 3.15 mm	[%]	0	0	3
+ 2.00 mm	[%]	40		
+ 1.40 mm	[%]	30		
+ 1.00 mm	[%]	20		
+ 0.71 mm	[%]	5		
- 0.71 mm	[%]	5	0	15
0 - 1 mm				
+ 1.00 mm	[%]	0	0	5
+ 0.71 mm	[%]	10		
+ 0.50 mm	[%]	15		
+ 0.25 mm	[%]	20		
+ 0.125 mm	[%]	15		
- 0.125 mm	[%]	40	10	60



*Micro Pore Size Distribution
(Hg intrusion method)*



Scanning Electron Microscope picture

All data are based upon Almatris standard test methods. All test methods are available upon request. The typical product properties are based upon the actual averages from product data. The Min/Max data show our standard product specification data for these products.

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