



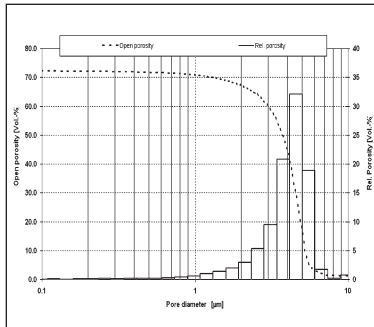
## Global Product Data

# Super Lightweight Aggregate SLA-92

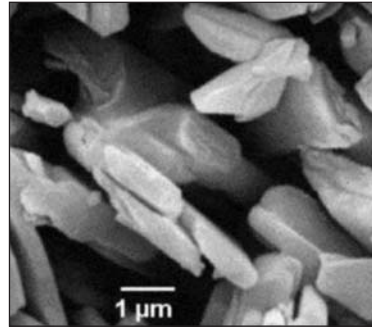
Chemical composition [wt-%]	Typical	Min.	Max.
Al <sub>2</sub> O <sub>3</sub>	91	90	
CaO	8.5		9.2
Na <sub>2</sub> O	0.40		0.5
SiO <sub>2</sub>	0.07		0.2
Fe <sub>2</sub> O <sub>3</sub>	0.04		0.1
<b>Physical properties</b>			
Loose Bulk Density [kg/l]	0.4-0.5		
Bulk Specific Gravity [g/cm <sup>3</sup> ]	0.80		0.95
Phase Composition	CA <sub>6</sub> (CaO·6 Al <sub>2</sub> O <sub>3</sub> ) CA <sub>2</sub> α-Al <sub>2</sub> O <sub>3</sub>		Major Minor Minor
Available Sizes		3 - 6 mm 1 - 3 mm 0 - 1 mm	

	Typical	Min.	Max.
	[%]	[%]	[%]
<b>3 - 6 mm</b>			
+ 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
<b>1 - 3 mm</b>			
+ 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
<b>0 - 1 mm</b>			
+ 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

All data are based upon Almatris standard test methods.



Micro Pore Size Distribution (Hg intrusion method)



Scanning Electron Microscope Picture



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