
 04 0615 - CPD - 9739	Saint-Gobain Weber A/S Randersvej 75 · Hinge · DK-8940 Randers SV				
	BS EN 13055-1 Lightweight aggregate for concrete, mortar and grout.				
Product name	Leca[®] 4 -10				
Article number	16 02 00 00				
Property	Test method	Declared value		Typical value	
		Limits ¹			
Aggregate size	BS EN 933-1			4 - 9 mm	
Particle shape		Round/cracked			
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size		Passing	
		12,5 mm	100	- 100 %	100 %
		10 mm	99	- 100 %	100 %
		9 mm	90	- 100 %	97 %
		8 mm	80	- 96 %	88 %
		6,3 mm	45	- 75 %	62 %
		4 mm	4	- 15 %	9 %
		3,15 mm	0	- 10 %	3 %
		0,25 mm	0	- 3 %	1 %
0,063 mm	0	- 2 %	1 %		
Loose bulk density	BS EN 1097-3	(Limits ±15%)	230 - 310 kg/m ³	270 kg/m³	
Percentage of crushed particles	BS EN 933-5/A1	0 - 50 %		21 %	
Cleanliness	BS EN 1744-1	Not relevant			
Crushing resistance	BS EN 13055-1	min.	0,80 N/mm ²	1,00 N/mm²	
Chloride	BS EN 1744-1	max.	0,02 %		
Acid-soluble sulphate	BS EN 1744-1	max.	0,5 %		
Total sulphur	BS EN 1744-1	max.	0,32 %		
Volume stability	BS EN 13055-1	NPD			
Water absorption	BS EN 1097-6	Time		Water absorption	
		5 min.	19	- 37 %	28 %
		60 min.	22	- 41 %	31 %
		24 hour	29	- 49 %	39 %
Emission of reactivity		NPD			
Release of heavy metals		NPD			
Release of polyaromatic carbons		Not relevant			
Release of other dangerous substances		NPD			
Duability against freeze/thaw		Durable according to long term experience			
Alkali-silica reaktivty		Not relevant			

¹ 90 % tolerance interval with a confidence level of 90 % according to ISO 12491 unless otherwise stated

Additional declaration (not covered by the CE-marking)

Property	Test method	Declared value		Typical value
		Limits ¹		
Particle density	BS EN 1097-6	(Limits ±15%)	455 - 615 kg/m ³	535 kg/m³

The Leca[®] plant has the quality management system acc. to DS/EN ISO 9001:2000, the environmental management system acc. to DS/EN ISO 14001:2004 and the energi managemnt system acc. to DS 2403:2001

Leca[®] is a registered trademark owend by Leca Trading & Concession A/S