
 04 0615 - CPD - 9739		<b>Saint-Gobain Weber A/S</b> Randersvej 75 · Hinge · DK-8940 Randers SV		
		<b>BS EN 13055-1</b> <b>Lightweight aggregate for concrete, mortar and grout.</b>		
Product name		Leca <sup>®</sup> 4-10 round		
Article number		16 02 10 00		
Property	Test method	Declared value		Typical value
		Limits <sup>1</sup>		
Aggregate size	BS EN 933-1			4 - 10 mm
Particle shape				Round
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size		Passing
		12,5 mm	- 100 %	100 %
		10 mm	99 - 100 %	100 %
		9 mm	85 - 99 %	94 %
		8 mm	60 - 95 %	78 %
		6,3 mm	25 - 80 %	51 %
		4 mm	0 - 10 %	3 %
		3,15 mm	0 - 4 %	1 %
		0,25 mm	0 - 2 %	1 %
0,063 mm	0 - 2 %	0 %	0 %	
Loose bulk density	BS EN 1097-3	( Limits ±15% )	240 - 320 kg/m <sup>3</sup>	280 kg/m <sup>3</sup>
Percentage of crushed particles	BS EN 933-5/A1			NPD
Cleanliness	BS EN 1744-1			Not relevant
Crushing resistance	BS EN 13055-1	min.	0,83 N/mm <sup>2</sup>	1,10 N/mm <sup>2</sup>
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.	17 - 27 %	20 %
		60 min.	20 - 30 %	25 %
		24 hour	26 - 37 %	30 %
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

<sup>1</sup> 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 <sup>1</sup>		
Particle density	BS EN 1097-6	( Limits ±15% )	440 - 590 kg/m <sup>3</sup>	515 kg/m <sup>3</sup>

The Leca<sup>®</sup> 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<sup>®</sup> is a registered trademark owend by Leca Trading & Concession A/S