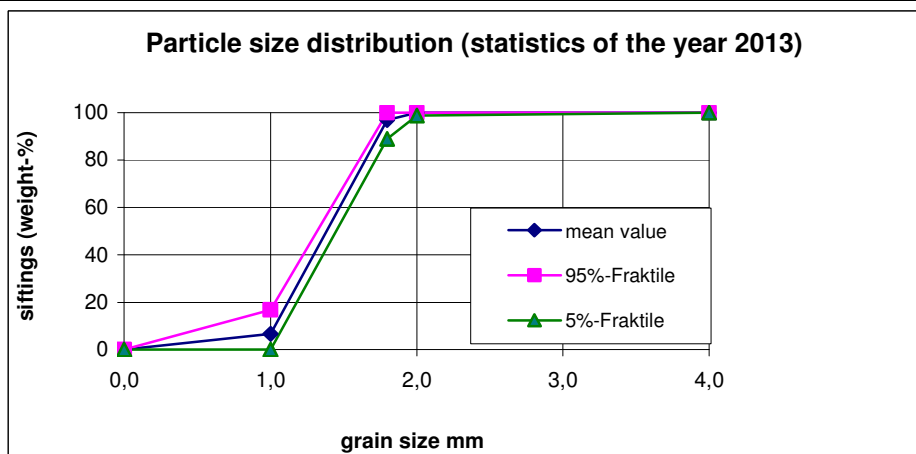


## Data Sheet

Type	Liaver 1-2mm		
<b>Main properties</b> Kind of material Shape	Expanded glass granules spheric, closed surface		Leightweight aggregate according to EN 13055-1
<b>Geometrical properties</b> Grain size Dust (< 0.063mm)	1 - 2mm < 1 %		<b>Test method</b> EN 933-1 EN 933-1
<b>Physical properties</b> Loose bulk density Particle density Crushing resistance	220 ± 15%	kg/m <sup>3</sup>	EN 1097-3 DIN V 18004 following EN 13055-1 Annex A
	350 ± 15%	kg/m <sup>3</sup>	
	≥ 2.4	N/mm <sup>2</sup>	
<b>Chemical properties</b> Chloride Acid soluble sulfat Total sulfur	< 0.01 < 0.1 < 0.1	weight-% weight-% weight-%	DIN EN 1744-1
<b>Chemical Composition</b> SiO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> Na <sub>2</sub> O Fe <sub>2</sub> O <sub>3</sub> CaO MgO K <sub>2</sub> O Trace elements	71 ± 2 2 ± 0.3 13 ± 1 0.5 ± 0.2 8 ± 2 2 ± 1 1 ± 0.2 < 0.5	weight-% weight-% weight-% weight-% weight-% weight-% weight-% weight-%	DIN 51001
<b>Other properties</b> Classification of fire VOC-class (French regulation of VOC from construction products Decret No. 2011-321)	A1 A+ (very weakly emission)		DIN 4102-4 ISO 16000; DIN EN 717-1



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