

Technical data sheets

JSC Stikloporas has quality control certified according certification scheme 2+, based on initial of the factory and of the factory production control and the continuous surveillance assessment and approval of the factory production control according to the Annex ZA of the standard EN 13055-1:2002+AC:2004

TECHNICAL DATA SHEET

DESIGNATION	STANDARTAS	FRAKCIJOS MM					
Granular size in mm	LST EN 933-1	0.1-0.3	0.25-0.5	0.5-1	1-2	2-4	4-8
Bulk density in kg/m ³ (±15%)	LST EN 1097-3	400	340	270	230	200	190
Compressive strength in MPa (±0,5 MPa)	LST EN 13055-1, A annex	2,8	2,5	2,3	2	1,4	1,4
Thermal conductivity in W/(m-K)	LST EN 12939:2002	0,0767	0,0767	0,713	0,0663	0,0639	0,0661
Water absorption % by mass* (±15%)	LST EN 1097-6:2002, C Annex	25	25	20	20	23	20
Climate changes frost/thawing resistance % by mass**	LST EN 13055-1:2004, C Annex	No more than 3					
Oversize	LST EN 13055-1	10,00%					
Undersize	LST EN 13055-1	15,00%					
pH value		9-11					
Moisture content on delivery		<0.5%					
Softening point		Approx. 7000C / 13000F					
Acid soluble sulphates		Average value 0,06 %					
Total sulphur		Average value 0,03 %					
Colour		Cream white					

* Absorption % after 24 hours submerged in water

** After 20 cycles

Technical data given after testing basic grain sizes according to LST EN 13055-1:2004/AC: 2004.

Lightweight aggregates- Part 1: Lightweight aggregates for concrete, mortar and grout.

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