

Rock-wool Loose

Rockal rock-wool fibers are formed by spinning or drawing molten non- combustible and inorganic volcanic basalt rocks.

Applications of Rockal rock-wool include thermal insulation (as structural insulation), filtration, soundproofing, and hydroponic growth medium.



Packaging & Storage:

Rockal Rockwool Loose are supplied in strong polyethylene bag and must be stored in the original packaging, protected from the weather and off the ground. In case of getting wet it can be dried and used without changes to its properties.

Technical properties:

	Property	Values		Notes
1	Organic content	0 %		EN 13820
2	Non-combustibility	Non-combustible		EN ISO 1182
3	Gross heat of combustion (Cal/g) (Calorific value)	0		EN ISO 1716
4	Surface burning Characteristics:	Non-combustible		ASTM E 84
	• Flame spread index	0		
	• Smoke developed index	0		
5	Thermal conductivity (W/m.k)	Temp. (°C)	Max	ASTM C 518
		24	0.034	
		38	0.036	
		93	0.043	
		149	0.052	
		204	0.061	
		260	0.076	
		316	0.091	
		371	0.108	
6	Max use Temp. (°C)	750°C		ASTM C 411 / C 447
7	Melting temp	> 1000°C		
8	Corrosiveness to steel	Pass		ASTM C 665
9	Stress corrosion austenitic stainless steel	Pass		ASTM C 795
10	pH - value	7		ASTM C 871
11	Non-fibrous (Short) content	≤ 25 %		ASTM C 1335
12	Fungi growth	No		ASTM C 1338
13	Odor emission	No		ASTM C 1304
14	Environment Safety	CFC, HCFC, Formaldehyde and Asbestos free		