

Product Data Sheet



Lapinus® 60046-2-Spinrock mineral fibre

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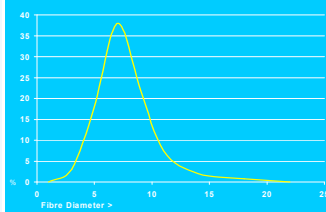
Lapinus® 60046-2-Spinrock is an uncleaned, white, granulated mineral fibre with a large flock size (correlating to an estimated fibre length of approx. 4000 Microns) and a high fibre content. The product shows excellent dispersion and mechanical properties in spray applications due to an optimum amount of lubricant. The consistency of the flock size gives a consistent quality in fire protective spray applications.

Chemical Analysis

All Lapinus® Granulate products are worldwide exonerated from classification as a carcinogen.

	Min.	Max.
SiO ₂	37 %wt	42 %wt
Al ₂ O ₃	18 %wt	23 %wt
CaO+MgO	34 %wt	39 %wt
FeO	0 %wt	1 %wt
K ₂ O+Na ₂ O		3 %wt
Others		3 %wt

Typical average fibre diameter



ADVANTAGES OF LAPINUS® 60046-2-SPINROCK

- Lapinus® 60046-2-Spinrock is consistent in terms of:
 - thermal properties
 - bulk properties
 - flock size distribution
 - stable white colour
 - chemical composition
- Reliable supply, excellent availability, consistent quality (ISO 9001)

Parameter	Average/Tolerance	Testmethod
Non-Fibrous Material*	Norm. Max. N > 250 µm 7.7%wt 10.5%wt	TV 701
Ignition Loss	max. 0.5 %wt	TV 302
Moisture Content	max. 0.1 %wt	TV 302
Fibre diameter (mass wt. av.)	approx. 7.0 micron	TV 165
Fibre diameter (num. av.)	approx. 5.0 micron	TV 165
Specific surface area	approx. 0.25 m ² /g	TV 165
Hardness	6 Moh	
Melting Point	> 700 °C	Furnace, Visual
Specific Density	2.75 ± 0.15 g/cm ³	
Colour	off-white	Visual

* Please note that the occurrence of large non-fibrous particles is inherent to the production process and these may be occasionally present in the product.

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ISO 9001 LF007.F08

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