PRODUCT DATA SHEET

Lapinus® RBC300

Engineered mineral fibre with high shot content for friction applications

SPECIFIED PRODUCT PROPERTIES

Parameter	Value	Unit	Method
Shot content >125 µm	Max 30	wt%	TV316 (internal method)
Fibre length weighted average	Max 200	µm	TV305 (internal method)
Moisture content	Max 0.1	wt%	TV302 (internal method)
Ignition loss	Max 1.0	wt%	TV302 (internal method)

TYPICAL CHEMICAL PRODUCT PROPERTIES

Chemistry	SiO_2	Al_2O_3	TiO_2	Fe_2O_3	CaO	MgO	Na_2O	K_2O	P_2O_5	MnO
wt%	42.7	18.5	1.3	7.7	20.6	6.0	2.2	0.6	0.2	0.2

Test Method: XRF

Trace elements ppm	Chromium* (CrVI)	Thallium (TI)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Cobalt (Co)
	<0.50	<5.0	<5.0	140	<1.0	<0.40	5.5
	Mercury (Hg)	Copper (Cu)	Nickel (Ni)	Lead (Pb)	Selenium (Se)	Vanadium (V)	Antimony (Sb)
	<0.10	15	15	<10	<2.0	56	<0.10

Test Method: NEN-EN-ISO17294-2 / * NEN-EN15192

TYPICAL PRODUCT PROPERTIES

Parameter	Value	Unit	Method
Colour	Grey-green		Visual appearance
Melting point (full liquification)	>1200	ºC	DSC
Fibre length distribution	Log-normal	type	

Content and interpretation of the Lapinus PDS

With the new PDS, we want to give as much relevant information on our products as we can, which can better serve your needs in application development.
With the increased amount of information on the PDS, we have made a split in ‘Specified’, ‘Chemical’ and ‘Typical’ product properties.

The ‘Specified’ product properties are the properties which are controlled on a regular interval and are our specification of the product.

The ‘Chemical’ product properties show the chemical proprietary composition of our stone wool products. This composition guarantees that the fibres are safe to use.

The ‘Typical’ product properties are a list of various product properties that are known from the Lapinus® material. The list is based on past inquiries from customers in various applications. Not all properties will be relevant for all applications. The list is included in the PDS for your reference. The values of the ‘Typical’ product properties do not form part of the specification of the products.