

Sales Specification

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Innovoh

 - (previously known as Innovox OH)

Innovoh is a fine particle size, calcium hydroxide.



**Birch
Chemicals**

PART OF THE
Singleton Birch family

	Typical % mass	Specification % mass
Chemical Analysis		
Calcium hydroxide content (Ca(OH) ₂)	96.5	>95
Silica (SiO ₂)	1.0	
Ferric oxide (Fe ₂ O ₃)	0.2	
Alumina (Al ₂ O ₃)	0.2	
Magnesium oxide (MgO)	0.15	
Carbon (CO ₂)	1.9	
Sulphur (SO ₃)	<0.1	
Moisture Content (H ₂ O)	0.6	<0.7
Lead (Pb)	<10 ppm	
Copper (Cu)	<5 ppm	

	Typical	Specification
Physical Properties		
Appearance	White powder	
Bulk Density	300 kg/m ³	
% less than cum vol at 45 micron (Malvern)	100%	>99.999%
Specific surface area (BET)	16 m ² /g	

Packaging

Innovoh is supplied in pre-weighed, low-melt (<80C) sachets (standard is 12 x 1kg sachets per poly-lined bag) or 12.5kg poly-lined bags. Other packaging is available on request.

Sachet Weights	within 1% of nominal weight	>98%
	within 2% of nominal weight	100%
Bag weights	within 2% of nominal weight	100%

Applications

Innovoh is used as a cross-linking activator, particularly for fluoroelastomers that have to show optimal compression set at high temperatures. It is normally used in combination with a fine particle size magnesium oxide. As it is highly hygroscopic, weighing and incorporation into the compound should take place just prior to processing.

All product specifications are based on tests carried out prior to despatch of product.

This specification relates to product numbers: **SS009**

Last Revision Date: Nov 2019

The information contained in this data is, to the best of our knowledge, true and accurate, but any typical values given are subject to variation as the raw material is naturally occurring. Full test method details available on request

