

Surface Treated Wollastonite

Technical Data Sheet

SZ0325-2022-21 V2

GreenThinking® WL

Description: GreenThinking® WL with surface treatment and activation is refined from selected natural silicone mine of long needle wollastonite by Poweflex company.

Applications:

- GreenThinking® WL is wildly used in industries of rubber, functional plastic, coating and friction materials.
- The strict internal quality control process makes GreenThinking® WL have uniform chemical purity and stability of the particle size distribution. Good chemical activity of GreenThinking® WL make it became functional filler in many products.

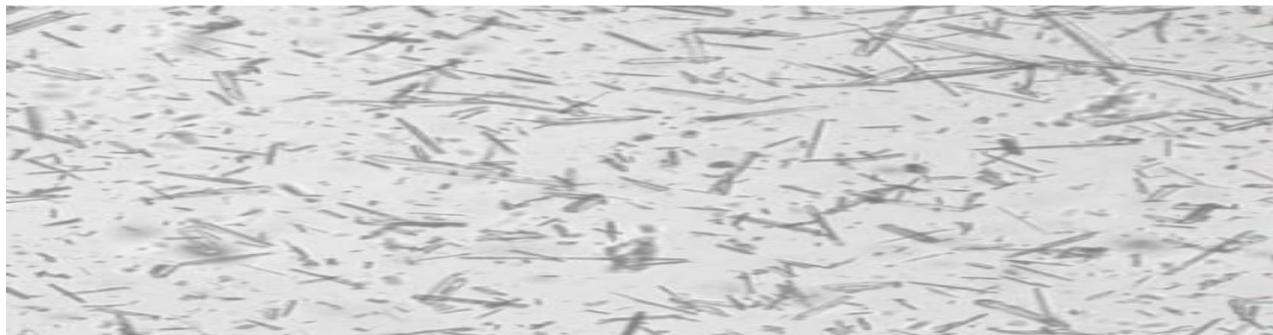
Key benefits:

- Stable chemical composition, high whiteness
- WL series cover all kinds of high quality long needle wollastonite products, unique mineral source, high aspect ratio.
- PH value close to neutral and advanced production technology of special silane treatment makes high coating rate.
- Good tensile strength, good elongation at break, low compression set, good oil resistance, high rebound and other good mechanical properties and good wear resistance in rubber and plastic industry.
- It improves corrosion resistance, chemical inertia, heat resistance, mechanical properties, and reduces cracking and use in industrial coatings,

Typical properties:

Item	Properties	WL720	WL820
Particle size and Physical Properties	Whiteness (%)	91.58	90.98
	Refractive index	1.63	1.63
	BET(m ² /g)	0.46	1.06
	Specific Gravity (g/cm ³)	2.80	2.80
	Heat Loss (Wt,%)	0.25	0.23
	Oil Absorption (g/100g)	45	55
	PH (10% slurry)	8	7.8
	Median Particle Diameter ((D50) μm) %	8.77	4.40
Chemical Content (%)	SiO ₂	50.23	51.28
	CaO	46.22	45.17
	Fe ₂ O ₃	0.24	0.23
	Al ₂ O ₃	0.21	0.23
	MgO	0.83	0.85
	LOI	1.68	1.38

Product electron microscope photo:



Packaging: 20 KG/ Bag, 1000 KG/Pallet.

Storage and shelf life:

GreenThinking® WL may be stored in its original unopened packaging at a temperature below 40°C for up to 36 months as from the date of manufacture.

For More Product Information, Please Visit Our Website: www.sanezen.com

Contact:

Plant Address: Baishou Road, North District of Xuan Zhou Economic Development Zone, Xuan Cheng City Anhui Province, China.

Commercial Address: Room 1606-1608, Boda Commercial Buildings, No. 11 Puhuitang Road Xuhui District, Shanghai, China 200030 Tel: +86 21 6487 9251 Fax: +86 215106 2693 E-mail: kevenwang@sanezen.com

Warning to the users:

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. Sanezen guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and Sanezen is at their disposal to supply any additional information.