

Efficient Flow Dispersant

Technical Data Sheet

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Version: A/2

GreenThinking® D212

Description: GreenThinking D212 is a universal, environmentally friendly, highly efficient flow dispersant for natural rubber and synthetic rubber. Both sulfur vulcanization and peroxide vulcanization are applicable.

Advantage:

- Improve the mixing effect of the rubber, effectively accelerate the dispersion of carbon black and other fillers in the rubber, further shorten the mixing time, improve the extrusion and calendering speed, and reduce energy consumption.
- It can prevent the rubber material from sticking to the roller and reduce the risk of early scorching, especially when the rubber material with high wear resistance filler is used. Can effectively improve the fluidity of the rubber material, reduce the Mooney viscosity of the rubber compound, improve the compactness and brightness of the extruded and calendered products, reduce the defects of the finished products, and improve the appearance quality and qualification rate of the products.
- It has good plasticizing performance, can be quickly filled with lower pressure during conversion and injection molding, and has good demoulding performance.
- Does not affect the bridging system of the peroxide, has good compatibility with various rubbers, has no adverse effect on various physical property indexes of the product on the premise of the recommended dosage, and can be widely applied to the ingredients of various rubbers.
- Environmental protection and safety, in line with ROHS, REACH and other requirements.

Characteristic:

- Composition: mixture of fatty acids and their esters, hydrocarbons, waxes, inorganic carriers, etc.
- Appearance: white granular
- PH: 7.0-11.0.
- Heating loss (55 °C): ≤ 2.0%
- Inorganic matter content (950 °C): ≤ 18.0%

Usage and Dosage:

- GreenThinking D212 can be added together with other chemical ingredients in the mixing process, and the effect is better when it is added in advance.
- 1-4 phr is added compare to polymer
- The amount of polar glue should be increased appropriately.

Packing : Green Thinking D212 series, net weight: 25 kg/bag, packing and transportation.

Storage and shelf life: The GreenThinking D212 series can be stored for 24 months from the date of manufacture indicated on the package at temperatures below 40 ° C in the unopened original packaging.

For more product information, please visit our website: www.sanezen.com



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