

Drawbacks of Using Talc on Rubber Products

Although talcum powder has conventionally served as an anti-stick agent and is applied by some rubber industry as a rubber surface protector, it has several disadvantages that can compromise the performance and durability of these materials.

1. Poor Aesthetics:

Talc can impact the product's aesthetic quality.

2. Limited Weather Resistance:

Talc coatings can absorb moisture and chemicals vapour, which may negatively impact the properties of rubber products over time.

3. Health Concerns:

There are concerns about the potential health risks associated with inhaling talcum powder.

4. Matting Effect:

Talcum powder has a matting effect, reducing the glossiness of rubber products. This is undesirable in applications where a shiny, polished appearance is preferred.

5. Absorption of Additives:

Talc can absorb preventive antioxidants, antiozonants, and preservatives over time. This absorption reduces the concentration of these protective agents within the rubber matrix, potentially compromising the rubber's resistance to environmental factors and aging.

PinnovaX Rubber Surface Protector & Shiner Innovative Rubber Care

Conclusion

In summary, **PinnovaX rubber surface protector and shiner** are essential for maintaining the appearance and durability of rubber products. They offer numerous benefits, including improved aesthetics, UV protection, moisture resistance, oxidation prevention, reduced blooming, and maintained concentration of protective agents. It is crucial to consider these factors and choose appropriate products to ensure the longevity and performance of rubber materials.

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