CHEMTEK

SILICA60

Chromatography Silica

Chemical Formula: SiO_2
CAS Number: 7631-86-9

Silica60 is a high-purity, high-surface-area silica specifically engineered for use in oil filtration and purification processes. Its consistent particle size, high adsorption capacity, and thermal stability make it an ideal choice for removing impurities, decolorizing oils, and improving the quality of cannabinoid extracts and other refined products. Designed for compatibility with a range of



KEY FEATURES

High surface area and porosity for efficient impurity removal.

Uniform particle size distribution for optimal flow rates and filtration performance.

Inert and stable in a range of process conditions, including high temperatures.

TYPICAL PROPERTIES

Moisture Content	≤ 0.1%
Appearance	White Powder
Size	60–200 microns
pH	6.5-7.5
Bulk Density	0.4g/ml
Surface Area	480m²/gl

APPLICATIONS

Purification: Works as a key medium in chromatography or layer filtration for targeted compound separation.

Synergistic Filtration: Enhances the performance of bleaching clays, creating a more efficient purification process.

Heavy Metal Filtration:
Captures and adsorbs heavy metals and other contaminants from crude extracts.

Impurity Filtration:
Captures residual fats, lipids, and other impurities, improving product clarity and quality.

STORAGE AND HANDLING

Keep in a cool, dry place away from moisture and contaminants.

Avoid prolonged exposure to direct sunlight.

Use protective gloves, eyewear, and respiratory protection as necessary.

Refer to the Safety Data Sheet (SDS) for detailed handling instructions.

PACKAGING

Standard Options:
- 10 Kg Bucket
- 80 kg Barrels
- MT Supersack

TECHNICAL SUPPORT

For further technical information or product customization, please contact:

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