MFQ-Calcium Stearate

Product/Service Overview

High-purity calcium salt of stearic acid produced through controlled reaction process ensuring uniformity
White powder metallic soap offering excellent lubrication stabilization and release properties effectively
Multi-purpose calcium stearate suitable for plastic rubber construction and coating industry applications
Fine powder formulation ensuring consistent quality for demanding processing and manufacturing requirements

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Specifications & Details

General Properties
Form/Type: White Powder
Category: Metallic Stearate
Standard Industrial Grade Calcium Stearate

Technical Parameters

Base Resin: Calcium Stearate (Calcium Salt of Stearic Acid)
Melting Point: 155±5°C (IP320)
Free Fatty Acid: 0.5-1.0% (CS)
Moisture Content: 2.5% max
Ash Content: 11%
Appearance: White Powder
Color: White

Processing

Method: Controlled reaction of high-quality stearic acid with calcium compounds

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Key Benefits & Value Proposition

Performance Advantage — Superior lubrication and release properties ensure smooth processing and defect-free products
Sustainability Benefit — High purity formulation minimizes residue and contamination in final applications
Technical Reliability — Consistent particle size and chemical composition deliver predictable performance characteristics
Economic Value — Versatile applications optimize processing efficiency across multiple industrial sectors

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Applications & Use Cases
PVC Industry
Stabilizer and lubricant agent for polyvinyl chloride processing requiring heat stability properties
Plastic Manufacturing
Lubricant binder and mold release agent for plastic processing requiring smooth surface finish Rubber Industry
Lubricant and softening agent for rubber compounding requiring improved processing characteristics Construction Materials
Water-repellent agent for plaster and concrete coating applications requiring moisture resistance properties
Coating & Paper
Slip agent for paper coating and sandpaper manufacturing requiring controlled friction characteristics

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Important Guidelines & Recommendations
ATTENTION
Processing Guidelines: Add recommended dosage based on application type process conditions and formulation requirements
Storage & Handling: Store in cool dry conditions maintaining powder form and preventing moisture absorption
Application Scope: Suitable for plastic rubber construction coating and specialty chemical applications
Standard Packaging: 25kg polypropylene bags with moisture barrier protection for quality maintenance

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