

Struktol CALCIUM STEARATE

Category : Ceramic , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

High purity, non-wettable, calcium stearate powder manufactured with high quality stearic acid. STRUKTOLÂ® Calcium Stearate is used by the rubber and plastic industries as an effective elastomer processing aid and release agent. The low chloride content of STRUKTOLÂ® Calcium Stearate allows for complete product dispersion in elastomers. STRUKTOLÂ® Calcium Stearate reduces extruder pressure build-up of rigid PVC compounds when used as a processing aid during the manufacture of pipe, siding and injection molded fittings. The low chloride content of STRUKTOLÂ® Calcium Stearate meets the quality and processing demands of polyolefin, polystyrene and polyester manufacture. STRUKTOLÂ® Calcium Stearate can also be used as a processing aid in wire drawing operations, and as an anti-caking additive in dry blending operations. Some of the benefits of using STRUKTOLÂ® Calcium Stearate are: - LOW DUST Controlled particle size during manufacture significantly reduces fines and virtually eliminates work area dust problems. - EASY HANDLING Eliminates bridging or caking while facilitating use in any type of packaging, bulk handling or conveying system. - LOW IMPURITY Reduces extruder pressure build-up and minimizes fiber breakage during extrusion and spinning. - COLOR STABILITY High-purity and a unique manufacturing process give this product extreme heat resistance to prevent discoloration and haze formation. FDA Status: 173.340; 175.105; 175.300; 175.320; 176.170; 176.200; 176.210; 177.1200; 177.2260; 177.2410; 177.2600; 178.2010; 181.29; 184.1229

Order this product through the following link:

http://www.lookpolymers.com/polymer_Struktol-CALCIUM-STEARATE.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|--------------|--------------------|
| Specific Gravity | 1.01 g/cc | 1.01 g/cc | |
| Additive Loading | 0.30 - 3.0 % | 0.30 - 3.0 % | parts |
| Particle Mesh Size | 90 Mesh | 90 Mesh | % through 200 mesh |
| Ash | 10.5 % | 10.5 % | |

| Thermal Properties | Metric | English | Comments |
|--------------------|------------|------------|----------|
| Melting Point | <= 150 Â°C | <= 302 Â°F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------|----------|----------|
| Moisture Content | <= 4.0 % | <= 4.0 % | |

| Descriptive Properties | Value | Comments |
|---------------------------|--------|----------|
| Appearance | Powder | |
| Free Fatty Acid (% , max) | 1 | |

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