



STRUKTOL® CALCIUM STEARATE GR

COMPOSITION

STRUKTOL® Calcium Stearate GR is a high purity, non-wettable, calcium stearate granule.

PROPERTIES	TYPICAL VALUES
Product Form	Granule
Ash (%)	9.2 – 12.0
Free Fatty Acid (% max.)	3.0
Melting Point (°C)	140 - 165
Moisture (% max.)	4.0
Specific Gravity	1.01
Storage Stability	Unlimited in a cool dry area
Packaging	50 lb. bag / 2,000 lb. skid 22.7 kg. bag / 909 kg. skid

RECOMMENDATIONS FOR APPLICATIONS

STRUKTOL® Calcium Stearate GR is an effective processing aid and release agent. The low chloride content of STRUKTOL® Calcium Stearate GR allows for complete product dispersion in elastomers.

STRUKTOL® Calcium Stearate GR 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 STRUKTOL® Calcium Stearate GR meets the quality and processing demands of polyolefin, polystyrene and polyester manufacture.

Some of the benefits of using STRUKTOL® Calcium Stearate GR are:

- **LOW DUST** Controlled granule size during Manufacture 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.

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TECHNICAL DATA

DOSAGE

Injection	V-SS	0.7 – 1.0 phr	Extrusion	V-SS	0.7 – 1.0 phr
	Molding	V-PEAS		0.3 – 0.5 phr	<i>(Opaque)</i>
<i>(Opaque)</i>	Calcium Stearate GR*	0.7 – 1.0 phr		Calcium Stearate GR	0.7 – 1.0 phr
	V-DSP	0.7 – 1.2 phr		V-DSP	0.7 – 1.2 phr
	165 Wax	0.3 – 0.5 phr		165 Wax	0.3 – 0.7 phr
	Calcium Stearate GR*	0.5 – 0.7 phr		Calcium Stearate GR	0.5 – 1.0 phr
	V-HRW	0.7 – 1.5 phr		V-HRW	0.7 – 1.0 phr
	V-Peas or VLB-602	0.3 – 0.75 phr		V-Peas	0.3 – 0.75 phr
	Oxidized HDPE	0.07 – 0.15 phr		Oxidized HDPE	0.07 – 0.15 phr
	Calcium Stearate GR*	0.3 – 1.0 phr		Calcium Stearate GR	0.3 – 1.0 phr
	*Note: Reduce Calcium Stearate as much as possible for improved flow.				
				V-SSE	0.7 – 1.0 phr
				VLB-602	0.4 – 0.8 phr
				Calcium Stearate GR	0.7 – 1.0 phr
Calendering	V-HRW	0.7 – 1.5 phr			
	<i>(Opaque)</i>	VLB-602	0.5 – 0.75 phr		
		Oxidized HDPE	0.07 – 0.15 phr		
		Calcium Stearate GR	0.3 – 0.75 phr		
	V-HRW	0.7 – 1.5 phr			
	V-Peas LA	0.3 – 0.6 phr			
	Oxidized HDPE	0.07 – 0.15 phr			
	Calcium Stearate GR	0.3 – 0.75 phr			

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