



# Struktol Company of America

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# TECHNICAL DATA

## STRUKTOL® VLB-602

LUBRICANT ADDITIVE FOR PVC AND POLYMER PROCESSING

### COMPOSITION

Blend of fatty acid esters.

### TYPICAL PROPERTIES

Appearance	Off white to tan pastille or powder
Dropping Point (°C)	79 - 88
Specific Gravity	1.03
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	55 lb. bag or 2000 lb. supersack

### RECOMMENDATIONS FOR APPLICATION

**Typical Applications:** STRUKTOL® VLB-602 is a very compatible complex ester lubricant. It has noted performance in clear calendered PVC sheet. It also has application in clear extrusion, blow molding and injection molding formulations. It is especially useful in products that require printing, laminating, or bonding.

**Features:** STRUKTOL® VLB-602 is very effective mostly as an external lubricant, with some internal properties, which have no negative impact on clarity in extrusion, calendering, or injection molding. STRUKTOL® VLB-602 is noted to have ideal characteristics for calendered sheet where clarity and low water blush is critical and where lower cost in performance is needed to replace montanic esters.

### DOSAGE

<b>Injection Molding</b> (Opaque)	V-HRW VLB-602 Oxidized HDPE Calcium Stearate*	0.7 – 1.5 phr 0.3 – 0.75 phr 0.07 – 0.15 phr 0.3 – 1.0 phr	<b>Extrusion</b> (Opaque)	V-SSE VLB-602 Calcium Stearate	0.7 – 1.0 phr 0.4 – 0.8 phr 0.7 – 1.0 phr
*Note: Reduce Calcium Stearate as much as possible for improved flow.					
<b>Injection Molding</b> (Opaque)	V-HRW VLB-602	0.7 – 1.0 phr 0.3 – 0.6 phr	<b>Extrusion</b> (Clear)	V-DSP VLB-602 Oxidized HDPE	0.7 – 1.0 phr 0.3 – 0.6 phr 0.1 – 0.3 phr
<b>Calendering</b> (Opaque)	V-HRW VLB-602 Calcium Strearate Oxidized HDPE	0.7 – 1.5 phr 0.5 – 0.75 phr 0.3 – 0.75 phr 0.07 – 0.15 phr	<b>Wire and Cable</b> (High Speed)	V-PEDS VLB-602	1.0 – 1.5 phr 0.5 – 0.7 phr

(02/22/07)JMB/mmm

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