



# STRUKTOL® V-PEAS

## LUBRICANT ADDITIVE FOR PVC AND POLYMER PROCESSING

### COMPOSITION

Polymeric complex ester of saturated fatty acids.

<b>PROPERTIES</b>	<b>TYPICAL VALUES</b>
Appearance	Off-white pastille or powder
Acid Value	5 - 15
Melting Point (°C)	40 - 50
Specific Gravity	1.017
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 year under normal storage conditions
Packaging	55 lb. bag / 2,200 lb. skid 25 kg. bag / 1,000 kg. skid

### RECOMMENDATIONS FOR APPLICATION

**Typical Applications:** STRUKTOL® V-PEAS is a very compatible complex ester lubricant and is especially suited for calendered PVC sheet. It also has application in extrusion, blow molding and injection molding formulations.

**Features:** STRUKTOL® V-PEAS is a very effective lubricant with externally lubricating properties which has no negative impact on clarity in extrusion, calendaring, or injection molding. STRUKTOL® V-PEAS is noted to have ideal characteristics for clear applications where clarity is critical and where lower cost in performance is needed to replace montanic esters.

### DOSAGE

<b>Injection Molding</b> ( <i>Opaque</i> )	V-SSE	0.7 – 1.0 phr	<b>Extrusion</b> ( <i>Opaque</i> )	V-SSE	0.7 – 1.0 phr
	V-PEAS	0.3 – 0.5 phr		V-PEAS	0.3 – 0.7 phr
	Calcium Stearate*	0.7 – 1.0 phr		Calcium Stearate	0.7 – 1.0 phr
	V-HRW	0.7 – 1.5 phr		V-HRW	0.7 – 1.0 phr
	V-PEAS	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*	0.3 – 1.0 phr		Calcium Stearate	0.3 – 0.75 phr
*Note: Reduce Calcium Stearate as much as possible for improved flow.					
<b>Injection Molding</b> ( <i>Clear</i> )	V-HRW	0.7 – 1.0 phr	<b>Extrusion</b> ( <i>Clear</i> )	V-DSP	0.7 – 1.0 phr
	V-PEAS	0.3 – 0.6 phr		V-PEAS	0.3 – 0.6 phr
				Oxidized HDPE	0.1 – 0.3 phr

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# TECHNICAL DATA

## DOSAGE - CONTINUED

<b>Calendering</b> <i>(Opaque)</i>	V-HRW	0.7 – 1.5 phr
	V-PEAS	0.3 – 0.6 phr
	Oxidized HDPE	0.07 – 0.15 phr
	Calcium Stearate	0.3 – 0.75 phr

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<b>Calendering</b> <i>(Clear)</i>	V-HRW	0.6 – 1.2 phr
	V-PEAS	0.3 – 0.5 phr

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