



# Struktol Company of America

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# TECHNICAL DATA

## STRUKTOL® V-DSP

### LUBRICANT ADDITIVE FOR PVC AND POLYMER PROCESSING

#### COMPOSITION

Fatty acid ester.

<b>PROPERTIES</b>	<b>TYPICAL VALUES</b>
Appearance	White to off-white pastille
Melting Point (°C)	47 – 57
Specific Gravity	0.997
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 year under normal storage conditions
Packaging	50 lb. drum (1,800# skid)

#### RECOMMENDATIONS FOR APPLICATION

STRUKTOL® V-DSP is a highly compatible, internal PVC lubricant. It is particularly good at improving melt flow thus reducing amperage and head pressure for complicated profiles.

STRUKTOL® V-DSP is very effective at reducing viscosity and also yields exceptional clarity in clear injection molding, blow molding, and extrusion applications.

#### DOSAGE

<b>Injection Molding</b> ( <i>Opaque</i> )	V-DSP	0.7 - 1.2 phr	<b>Injection Molding</b> ( <i>Clear</i> )	V-DSP	0.7 – 1.2 phr
	165 Wax	0.3 - 0.5 phr		V-PEAS	0.3 – 0.6 phr
	Calcium Stearate*	0.5 - 0.7 phr			
*Note: Reduce Calcium Stearate as much as possible for improved flow.					
<b>Extrusion</b> ( <i>Opaque</i> )	V-DSP	0.7 - 1.2 ph	<b>Extrusion</b> ( <i>Clear</i> )	V-DSP	0.7 - 1.0 phr
	165 Wax	0.3 - 0.7 phr		V-PEAS	0.3 - 0.6 phr
	Calcium Stearate	0.5 - 1.0 phr		Oxidized HDPE	0.1 - 0.3 phr

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