



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] V-DSP

LUBRICANT ADDITIVE FOR PVC AND POLYMER PROCESSING

COMPOSITION

Fatty acid ester.

PROPERTIES

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	55 lb. bag

RECOMMENDATIONS FOR APPLICATION

Typical Applications: 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 also very effective at improving melt flow in injecting molding applications. It is particularly good for clear applications.

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

DOSAGE

Injection Molding (<i>Opaque</i>)	V-DSP	0.7 - 1.2 phr	Injection Molding (<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.					
Extrusion (<i>Opaque</i>)	V-DSP	0.7 - 1.2 ph	Extrusion (<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

(02/28/07)JMB/mm

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