



STRUKTOL® V-HRW

LUBRICANT ADDITIVE FOR PVC AND POLYMER PROCESSING

COMPOSITION

Hydroxyl glycerol ester of saturated fatty acids.

PROPERTIES	TYPICAL VALUES
Appearance	White to off white flakes or powder
Dropping Point (°C)	82 Minimum
Specific Gravity	1.023
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	50 lb. bag / 2,000 lb. skid
	2,200 lb. supersack
	22.7 kg. bag / 909 kg. skid

RECOMMENDATIONS FOR APPLICATION

Typical Application: STRUKTOL® V-HRW is a highly compatible, rigid PVC lubricant with both internal and external properties. It is particularly useful in clear PVC articles due to its excellent clarity and low water blush. It can be used in blow molding, injection molding, extrusion and is especially effective in calendaring applications and in products that will be printed, bonded or laminated.

Features: STRUKTOL® V-HRW has very little effect on heat distortion temperature (HDT) and is approved for certain food contact use applications.

DOSAGE

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