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STRUKTOL® V-HRW

LUBRICANT ADDITIVE FOR PVC AND POLYMER PROCESSSING

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 (Opaque)	V-PEAS Oxidized HDPE Calcium Stearate*	0.3 - 1.0 phr	Injection Molding (Clear)	V-HRW V-PEAS	0.7 – 1.0 phr 0.3 – 0.6 phr
Extrusion (Opaque)	*Note: Reduce Calcium S V-HRW V-PEAS Oxidized HDPE Calcium Stearate	0.7 – 1.0 phr 0.3 – 0.75 phr 0.07 – 0.15 phr 0.07 – 0.15 phr 0.3 – 1.0 phr	r improved flow.		
Calendering (Opaque)	V-HRW VLB-602 Oxidized HDPE Calcium Stearate	0.7 – 1.5 phr 0.5 – 0.75 phr 0.07 – 0.15 phr 0.3 – 0.75 phr	Calendering (Clear)	V-HRW V-PEAS LA	0.6 – 1.2 phr 0.3 – 0.5 phr
	V-HRW V-PEAS LA Oxidized HDPE Calcium Stearate	0.7 – 1.5 phr 0.3 – 0.6 phr 0.07 – 0.15 phr 0.3 – 0.75 phr			
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