



STRUKTOL® PE(O)-600

PROCESSING ADDITIVE FOR DISPERSION AND LUBRICATION

COMPOSITION

Oxidized polyethylene wax

PROPERTIES	TYPICAL VALUES
Appearance	White fine granules
Dropping Point (°C)	99 - 108
Specific Gravity	.96
Acid Number (mg KOH/g)	19 - 25
Melt Visc @ 120°C (248°F)	320-400 cps
Physiological Behavior	Refer to safety data sheet
Storage Stability	Unlimited under normal storage conditions
Packaging	55 lb. bag / 2,200 lb. skid 25 kg. bag / 1,000 kg. skid

RECOMMENDATIONS FOR APPLICATION

STRUKTOL® PE(O)-600 is a versatile oxidized polyethylene wax used in elastomer and plastics applications. It is particularly useful as an external lubricant for rigid and plasticized PVC.

It can be used in calendered film, extruded profiles such as pipe and siding, injection molding and compounding of masterbatches and colorants

DOSAGE

Injection Molding (Opaque)	V-HRW VLB-602 or V-PEAS PE(O)-600 Calcium Stearate*	0.7 – 1.5 phr 0.3 – 0.75 phr 0.07 – 0.15 phr 0.3 – 1.0 phr	Extrusion (Opaque)	V-SSE VLB-602 Calcium St. PE(O)-600	0.7 – 1.0 phr 0.4 – 0.8 phr 0.7 – 1.0 phr 0.15 – 0.2 phr
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*Note: Reduce Calcium Stearate as much as possible for improved flow.

Injection Molding (Clear)	V-HRW VLB-602 or V-PEAS	0.7 – 1.0 phr 0.3 – 0.6 phr	Extrusion (Clear)	V-DSP VLB-602 PE(O)-600	0.7 – 1.0 phr 0.3 – 0.6 phr 0.1 – 0.3 phr
Calendering (Opaque)	V-HRW VLB-602 Calcium Stearate PE(O)-600	0.7 – 1.5 phr 0.5 – 0.75 phr 0.3 – 0.75 phr 0.07 – 0.15 phr			

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