



Struktol Company of America

201 E. Steels Corners Road • P. O. Box 1649
Stow, Ohio 44224-0649 • www.struktol.com
Phone (330) 928-5188 • Fax (330) 928-8726

TECHNICAL DATA

STRUKTOL® PE(O)-600

PROCESSING ADDITIVE FOR DISPERSION AND LUBRICATION

COMPOSITION

Oxidized polyethylene wax

TYPICAL PROPERTIES

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	25 Kg (55 lb) bag

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	V-HRW	0.7 – 1.5 phr	Extrusion	V-SSE	0.7 – 1.0 phr
Molding	VLB-602 or V-PEAS	0.3 – 0.75 phr	<i>(Opaque)</i>	VLB-602	0.4 – 0.8 phr
<i>(Opaque)</i>	PE(O)-600	0.07 – 0.15 phr		Calcium St.	0.7 – 1.0 phr
	Calcium Stearate*	0.3 – 1.0 phr		PE(O)-600	0.15 – 0.2 phr

*Note: Reduce Calcium Stearate as much as possible for improved flow.

Injection	V-HRW	0.7 – 1.0 phr	Extrusion	V-DSP	0.7 – 1.0 phr
Molding	VLB-602 or V-PEAS	0.3 – 0.6 phr	<i>(Clear)</i>	VLB-602	0.3 – 0.6 phr
<i>(Clear)</i>				PE(O)-600	0.1 – 0.3 phr

Calendering	V-HRW	0.7 – 1.5 phr
<i>(Opaque)</i>	VLB-602	0.5 – 0.75 phr
	Calcium Stearate	0.3 – 0.75 phr
	PE(O)-600	0.07 – 0.15 phr

- over -



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FDA STATUS

STRUKTOL[®] PE(O)-600 is sanctioned for use by the Food and Drug Administration (FDA) listed in the following sections of Title 21 of the Code of Federal Regulations:

175.105 176.200 176.210 177.1210 177.1390 177.2600 178.3120

(12/03/08)JMB/mmm