



# Struktol Company of America

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# TECHNICAL DATA

## **STRUKTOL<sup>®</sup> PE(H)-100**

### **DISPERSION AND COMPOUNDING ADDITIVE**

#### **COMPOSITION**

Homopolymer, non-oxidized polyethylene wax.

<b>TYPICAL PROPERTIES</b>	<b>PE(H)-100</b>	<b>PE(H)-100 PL</b>
Appearance	White waxy beads	White waxy powder
Melting Point (°C)	90-105	90-105
Specific Gravity	0.91	0.91
Storage Stability	Unlimited under normal storage conditions. Use on a first-in, first-out basis.	
Packaging	55 lb. paper bag	55 lb. paper bag

#### **RECOMMENDATIONS FOR APPLICATIONS**

STRUKTOL<sup>®</sup> PE(H)-100 is a versatile polyethylene wax (homopolymer) used in natural and synthetic elastomers. It is used to improve flow and processability.

STRUKTOL<sup>®</sup> PE(H)-100 also provides good release from equipment with improved pigment dispersion and finish to molded articles.

#### **DOSAGE**

If used in proportions of 1 - 4% of the total compound weight, it will not alter the properties of vulcanizates.

#### **FDA STATUS**

STRUKTOL<sup>®</sup> PE(H)-100 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:

<b>175.105</b> Adhesives	<b>177.1200</b> Cellophane
<b>175.125</b> Pressure sensitive adhesives	<b>177.1210</b> Closures with sealing gaskets for food containers
<b>175.300</b> Resinous and polymeric coatings	<b>177.2600</b> Rubber articles intended for repeated use
<b>176.180</b> Components of paper and paperboard in contact with dry food	<b>178.3570</b> Lubricants with incidental food contact
<b>176.200</b> Defoaming agents used in coatings	<b>178.3850</b> Reinforced wax
<b>176.210</b> Defoaming agents used in the manufacture of paper and paperboard	

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