



## Struktol Company of America

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# TECHNICAL DATA

## **STRUKTOL<sup>®</sup> WB 212**

**EMULSION PLASTICIZER  
DISPERSING AND PROCESSING ADDITIVE**

### **COMPOSITION**

A blend of high-molecular weight, aliphatic, fatty acid esters and condensation products, bound to chemically inert fillers.

### **PROPERTIES**

Appearance	light tan beads or pellets
Ash Content (% , max.)	21.5
Dropping Point (°C)	49 - 63
Specific Gravity	1.10
Water Content (% , max.)	11.5
Physiological Behavior	refer to safety data sheet
Storage Stability	at least 2 years under normal storage conditions
Packaging	25 kg. PE bags

### **RECOMMENDATIONS FOR APPLICATION**

STRUKTOL<sup>®</sup> WB 212 is a processing additive for rubber polymers which is normally used to improve the general compound processing without significant influence on the physical properties. It acts as a dispersing agent for powdered materials and can shorten the mixing time by faster filler incorporation.

STRUKTOL<sup>®</sup> WB 212 prevents sticking of elastomers and compounds to rotors and rolls. The addition of STRUKTOL<sup>®</sup> WB 212 can reduce the risk of scorching, particularly in highly loaded compounds.

Due to the good plasticizing properties of STRUKTOL<sup>®</sup> WB 212, molds can be filled faster with lower pressures during injection and transfer molding. Mold release is improved.

The effect on the vulcanization behavior is neutral; this applies also to peroxide cure systems. The water content of STRUKTOL<sup>®</sup> WB 212 may cause a slight activation in compounds based on chlorosulfonated polyethylenes or equivalent polymers.

### **DOSAGE**

1 to 2% of the total batch weight

(05/05/2000)typ

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