



Struktol Company of America, LLC

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TECHNICAL DATA

STRUKTOL® WB 16

LUBRICANT PROCESS ADDITIVE

COMPOSITION

Mixture of fatty acid soaps, predominantly calcium.

PROPERTIES	TYPICAL VALUES
Appearance	Pastille or Bead
Dropping Point (°C)	96 - 108
Specific Gravity	0.98
Physiological Behavior	Refer to safety data sheet
Storage Stability	At least 2 years under normal storage conditions
Packaging	55 lb. PE bag / 2,200 lb. skid

RECOMMENDATIONS FOR APPLICATION

STRUKTOL® WB 16 is used in rubber compounds to improve the flow properties. This effect is attributable to a considerable reduction of the viscosity (internal friction) of the green compound and a decrease of the sliding friction when in contact with metal surfaces.

The release effect of STRUKTOL® WB 16 is remarkable. STRUKTOL® WB 16 eliminates sticking to rotors in internal mixers or on open mills and calender rolls, and improves mold release, especially when complicated mold designs are involved.

STRUKTOL® WB 16 has a slight activating effect on the cure rate of sulfur-containing compounds.

STRUKTOL® WB 16 can be added at any stage of the mixing cycle, even during the warm up stage of the finished compounds prior to calendering. However, to achieve the optimum release effect and reduction of friction, it is best to add the STRUKTOL® WB 16 during the final mixing stage.

DOSAGE

0.5 to 3% of the total batch weight.

(03/03/2021)abw