



STRUKTOL[®] 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	TYPICAL VALUES
Appearance	Bead or Pastille
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	55 lb. PE bag / 2,200 lb. skid 25 kg. PE bag / 1,000 kg. skid

RECOMMENDATIONS FOR APPLICATION

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

Due to the good plasticizing properties of STRUKTOL[®] 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[®] 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

(03/22/2021)abw