

Technical Data Sheet

STRUKTOL® WB 212

Emulsion plasticiser, dispersing and processing additive

Composition

Blend of high molecular fatty acid esters and condensation products, bound to chemically inert fillers.

Properties

Appearance		Light beads
Density	[kg/m ³]	1150
Bulk density	[kg/m ³]	700
Dropping point	[°C]	55
Ash content	[%]	20
Acid value	[mg KOH/g]	5
Water content	[%]	10
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 18 months under normal storage conditions
Packaging		20 kg bags



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, rolls and calender bowls. The addition of STRUKTOL® WB 212 can reduce the risk of scorching, particularly in highly loaded compounds. Due to the good plasticising properties of STRUKTOL® WB 212, moulds can be filled faster with lower pressure during injection and transfer moulding. The mould release effect facilitates removal of the cured articles.

The effect on the vulcanisation behaviour 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 chlorosulphonated polyethylene or equivalent polymers.

For optimal lubricating effect, STRUKTOL® WB 212 should be added at the end of the mixing cycle.

Dosage

1 – 3 phr





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