

## Technical Data Sheet

**STRUKTOL® WB 212 FLAKES**

Emulsion Plasticizer, Dispersing and Processing Additive

**Composition**

Mixture of high molecular, aliphatic, hydrophilic fatty acid esters, chemically indifferent fillers and water.

**Properties**

Appearance		light pastilles
Specific gravity	[kg/m <sup>3</sup> ]	1150
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
Packing		20 kg bags

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.



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## **Recommendations for Application**

STRUKTOL WB 212 FLAKES is a processing additive and filler dispersant for rubber polymers.

STRUKTOL WB 212 FLAKES improves the processability of compounds without adversely affecting the vulcanizate properties.

STRUKTOL WB 212 FLAKES speeds up incorporation of fillers leading to shorter mixing times and better compound uniformity.

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

Care should be taken when using STRUKTOL WB 212 FLAKES with chlorosulphonated polyethylene or similar polymers because of possible premature scorch from the water content.

## **Dosage**

1 - 3 phr

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence.

Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.

This new leaflet replaces all previously printed documentation.

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