



Schill+Seilacher

Technical Data Sheet

STRUKTOL® ZP 1020

Additive

Composition

Zinc oxide preparation

Properties

Appearance		light pastilles*)
Density 20 °C	[kg/m ³]	1630
Zinc content	[%]	35
Residue on ignition	[%]	50
Physiological behaviour		refer to safety data sheet
Storage stability		at least 12 months under normal storage conditions
Packaging		20 kg bags

*) Note: Struktol® ZP 1020 can have different colours. We would like to point out that these colour deviations are not a quality indicator.

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® ZP 1020 is a preparation of zinc oxide in the form of pastilles, which is used as a curative in carboxylated NBR (XNBR) as well as in hydrogenated carboxylated NBR (HXNBR). Compared to zinc oxide it has the advantage of improved scorch resistance and storage stability of the uncured compound in combination with a significantly improved compression set.

The dispersing agents contained in STRUKTOL® ZP 1020 together with the pastillised form of the product offer the advantage of easier handling, including suitability for use in auto weighing equipment, and improved dispersibility during mixing, compared to regular untreated grades of zinc oxide.

STRUKTOL® ZP 1020 requires a mixing temperature of > 80 °C in order to homogeneously disperse the material.

Dosage

Usually about 10 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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