



STRUKTOL[®] HT 105A

MASTICATION AND PROCESSING ADDITIVE FOR NATURAL RUBBER

COMPOSITION

Combination of metal soaps and an aromatic disulphide

TYPICAL PROPERTIES

Appearance	Beige pastilles
Dropping Point (°C)	95
Density (kg/m ³)	1050
Zinc Content (%)	8
Physiological Behavior	Refer to safety data sheet
Storage Stability	at least 2 years under normal storage conditions
Packaging	55lb. bag

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] HT 105A is a **non-discoloring** multifunctional additive based on a novel processing additive which is used as a mild mastication additive. It gives excellent dispersion in rubber, and at the same time the dispersion of powdery compounding materials is improved.

STRUKTOL[®] HT 105A's performance differs from standard chemical peptizers. Its masticating effect is somewhat slower; however it remains active for a longer period of time. Preferably the high molecular weight polymer chains are broken down, resulting in a more uniform molecular weight distribution and better dynamic vulcanizate properties.

The optimum performance of STRUKTOL[®] HT 105A is achieved at about 130°C, but is also effective at considerably lower temperatures and can therefore be used on two-roll mills at temperatures above 90°C.

DOSAGE

1 – 3 phr.