



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] EF 44 A

PROCESSING ADDITIVE

COMPOSITION

Blend of fatty acid derivatives (predominantly zinc soaps).

PROPERTIES

Appearance	yellowish pastilles
Dropping Point (°C)	91-101
Specific Gravity	1.10
Zinc Content (% , max.)	8.5
Physiological Behavior	refer to safety data sheet
Storage Stability	at least 2 years under normal storage conditions
Packaging	25 kg. PE bags

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] EF 44 A is a newly designed processing additive for applications in natural and synthetic rubber. Due to its selected composition comprising fatty acid derivatives with different polarities, STRUKTOL[®] EF 44 A provides excellent improvement of processing behavior for a wide range of elastomers like NR, SBR, and EPDM (except for halogenated elastomers).

STRUKTOL[®] EF 44 A is especially suited for applications in extruded compounds, but also offers advantages on transfer molding and injection molding. STRUKTOL[®] EF 44 A improves dispersion of fillers (especially mineral fillers) and has a beneficial influence on batch-to-batch uniformity. Finally, STRUKTOL[®] EF 44 A acts as a cure activator and allows for reduced dosage of stearic acid.

STRUKTOL[®] EF 44 A is in accordance with regulations FDA 177.2600 and BGA XXI (watch for maximum zinc concentration in rubber compound).

DOSAGE

1 - 3 phr

(07/24/97)typ