

Technical Data Sheet

STRUKTOL® WB 42

Rubber Processing Additive

Composition

Blend of fatty acids and fatty acid derivatives

Properties

Appearance		Light pastilles
Density	[kg/m ³]	1000
Bulk density	[kg/m ³]	600
Dropping point	[°C]	90
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions (store in a dry place)
Packaging		20 kg bags



Recommendations for Application

STRUKTOL® WB 42 is a novel processing additive designed for applications in all elastomers including EPDM.

Being a synergistic blend of fatty acid derivatives with selected polarities, STRUKTOL® WB 42 provides internal as well as external lubrication in a wide range of elastomers, resulting in improved flow, cavity fill and mould release.

STRUKTOL® WB 42 improves filler dispersion and has a beneficial influence on batch-to-batch uniformity.

STRUKTOL® WB 42 is especially suited for applications in extruded compounds, including continuous vulcanization, but also offers advantages with transfer-moulding and injection-moulding.

STRUKTOL® WB 42 does not affect peroxide cure. STRUKTOL® WB 42 shows no tendency to blooming even at higher dosages.

Dosage

2 - 5 phr

Compounds with high filler concentrations, especially mineral fillers, may require higher dosages (up to 7 phr).



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