

LIQUID FORM BARIUM - ZINC STABILIZERS

AKSTAB L 465

TBF 09-020-99

On account of toxicological hazards associated with heavy metals such as cadmium, cadmium-free stabilizers have been introduced. A complete range of barium-zinc stabilisers are common use today and their performances are similar to the barium-cadmium type.

L-465 is a Barium-zinc stabiliser and it is used for non-toxic applications.

Main applications of L-465 are :

- ◆ High quality sheeting such as water proof floorings, floorings for swimming pools, sheeting for building and agriculture applications...
- ◆ Indoor sheeting such as furniture upholstery, decorative self-adhesives, wall and floor coverings...
- ◆ Specific end-use sheeting such as dashboards for the car industry.
- ◆ Flexible and semi-rigid calendering sheets.
 - High efficiency to allow continuous production runs even in difficult conditions.
 - Good early colour retention.
 - No plate-out.

No or little odour which means that the stabilizers do not contain volatile solvents and do not produce free phenol during processing.

For the calendering industry, L-465 will be preferred in terms of easier handling and dosage.

Definition

Barium - Zinc Complex

Chemical - Physical Properties

Form	Liquid
Colour	Light yellowish brown
Density (20° C)	1.084 ± 0.01 gr/cm ³
Refractive Index	1.503 ± 0.005 n _D 20°C
Ba %	9.8 ± 0.5
Zn %	1.6 ± 0.2

Application

High quality sheeting
Indoor sheeting.
Flexible calendering.

Recommended Charges

Depends on the formulation, processing conditions and the type of products; usually in the range of 2.0 - 2.5 phr.

Standard Packaging

200 kg. or 50 kg. net plastic barrels

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