

PLASTICIZERS

AKSTAB ALPEX 5-6

TBF 10-002-96 / Rev.2

AKSTAB ALPEX 5.6 is a non-toxic epoxy plasticizer as well as stabilizer. It improves heat and light stability and weatherability of the product.

It is very suitable for transparent product it delays initial coloring.

AKSTAB ALPEX 5.6 is compatible with PVC and many other plastics, synthetic resins, plasticizers etc.

Resists extraction; therefore some percentage of DOP and similar plasticizers may be replaced by ALPEX 5.6.

Considerably improves the effects of synergic mixtures like Ba/Cd/Zn, Ba/Zn, and Ca/Zn. Very effective costabilizer for food-grade Ca/Zn based compound formulations.

A material safety data sheet for the safe handling of this product is available on request.

Definition

Epoxidized soya bean oil

Chemical - Physical Properties

Form	Transparent liquid
Color	Light yellow
Relative density (25 °C)	0,985 ± 0,01
Freezing point	- 5,0 °C
Iodine index	5,0 max.
Acid value	1,0 max
Oxirane value	6,0 min.
Water content (ppm)	1000 max.
Color Lovibond (5 ^{1/4} cell)	4,0 Y + 1,0 R
Viscosity (cps) , 25°C	450 ± 50
Refractive index , n _D 25°C	1,466 ± 0,001

Application

Plasticized PVC processes
Rigid PVC processes

Recommended Charges

Depending upon process condition, formulation ;
Ba/Cd and similar combinations.....: 0,5 - 1,5 phr
Ca/Zn non-toxic stabilizer systems.....: Up to 15,0 phr

Standard Packaging

200 kg. net. metal drums.

The information in this catalogue is based on our own knowledge and personal experience. It should therefore only be regarded as a guide and not be taken as any form of guarantee whatsoever. In the event of specific queries, kindly contact our technical service..