

CAMTINSTAB PVC METHYL TIN MERCAPTIDE

CAMTINSTAB is an advanced liquid methyl tin mercaptide stabilizer for rigid poly vinyl chloride processing of calendaring, extruding and injection. It provides excellent retention of initial colour together with superior dynamic heat stability, clarity, weatherability and little dosage in the applications. Due to its high performance and being environmentally friendly, methyl tin mercaptide has replaced the high-toxic PVC heat stabilizers in many applications' day by day.

Item	Standard Value(s)
Appearance	Transparent Oily Liquid
Tin content (%)	19 ± 0.5
Sulfur content (%)	12 ± 0.5
Colour (Pt-Co)	≤ 50
Specific gravity (25°C, g/cm ³)	1.15 - 1.19
Refractive index (25 °C)	1.50 - 1.51
Viscosity (25°C, mPa-s)	20 - 80
Monomethyl tin content (%)	19.0 - 29.0
Trimethyl tin content (%)	< 0.1

Addition Level: 0.5 to 2.0 PHR

Supplementary Information:

CamTinStab is non-lubricating & it is recommended that suitable external lubricants are used in order to optimise processing characteristics. In rigid PVC, the addition of external lubricants such as montan waxes & complex esters (0.2 to 0.5 PHR), PE Wax & OPE Waxes (0.05 to 0.1 PHR) is advised. Internal lubricants based on fatty acids (0.5 to 1.5 PHR) can be used.

Packing: 220 KGs Drums or 35 KGs carboys or according to customer's requirements

Storage: Store in cool and dry place, 15 - 30 °C recommended, upside, keep lid tightly closed.
Shelf Life: 12 months

Features:

1. High heat stabilization and excellent initial colour
2. Good Transparency and Weatherability
3. Little dosage, about 15-20% less than Butyl Tin and Octyl Tin
4. It is suitable for process of calendaring, extruding and injection for rigid PVC

Application:

1. Rigid PVC Transparent Sheet/Plate
 2. PVC Film: Thermal shrinkable packing film, printing film and calendaring film
 3. PVC Pipes and Fittings
 4. PVC window and door profiles
 5. PVC granular materials
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