

Glyceryl Monostearate (GMS-40)

Glyceryl monostearate is a yellowish waxy solid, this product does not dissolve in water, soluble in hot oil, paraffin, ethanol, chloroform, acetone, ethyl ether. In food, cosmetics as emulsifier and surfactant, in transparent PVC aggregate as a lubricant.

Product specification:

Item	GMS-40
Appearance	Milky white or light yellow waxy solid
Monoester percentage(%)	40—42
Iodine value($\text{gI}_2/100\text{g}$) \leq	3.0max
Melting point($^{\circ}\text{C}$) \geq	53min
Acid value (as KOH) $/(mg/g)\leq$	2.5
Free glycerin $/\%\leq$	7.0

Note: The technical data can be adjusted to client request accordingly.

Applications:

As the necessary ingredient for compounding composite lead heat stabilizers, functioning as the excellent internal lubricant.

In U-PVC pipe and profile plastic industry, GMS can be directly used as the main internal lubricant. Also as the anti-static agent for PE,ABS,PP products(e.g.,plastic drums or films).

In textile and dyeing industry, GMS can effectively prevent discoloration and act as the best softener in the fabrics

It also has effects of emulsification, dispersion, foaming, defoaming, starch anti-aging and fat agglomeration control, and is widely used in foodstuffs, cosmetic, medicine and plastic processing industries.

Packaging: 25 Kg N.W. per sack, woven bag.

Storage:indoor place at normal temperature.

Shelf life: 1 year