



Xi'an Leader Biochemical Engineering Co.,Ltd

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Product name: Glycerin monostearate (GMS)

Properties: Glycerin monostearate(GMS), molecular weight 358. It is white or light yellow waxy or powder solid; Soluble in hot alcohols, petroleum, and hydrocarbons.

Cas Number: 31566-31-1 / 123-94-4

Uses: GMS is mainly used as release agent, plasticizer, antistatic agent in the plastic industry, especially as an antishrinking agent for plastic foamed products. It can also be applied to plastic products such as PE, PP, PVC, PC, PET, etc., with significant and long-lasting anti-static effects.

Technical Datasheet:

Test items	Glyceryl monostearate (GMS90)	Glyceryl monostearate (GMS40)
Grade	Industrial grade	Industrial grade
Appearance	White or light yellow waxy or powder solid	white or light yellow waxy or powder solid
Monoglyceride content	≥90.0%	≥40.0%
Free glycerol	≤ 1.5%	≤ 2.5%
Acid value	≤ 6.0mgKOH/g	≤5.0mgKOH/g
Lead	/	≤ 2.0mg/kg
Iodine value	≤ 1.0gI ₂ /100g	≤ 1.5gI ₂ /100g
Freezing point	60℃~70 ℃	≥53℃
Color (Lovibond)	≤ 200(Hazen)	≤ 400(Hazen)
Shelf life	2 years	