



STRUKTOL® TR 151-40

**GLYCEROL MONOSTEARATE (GMS)
INTERNAL LUBRICANT FOR PVC
EXTERNAL LUBRICANT FOR POLYOLEFINS**

COMPOSITION

Partial fatty acid esters of glycerin.

PROPERTIES	TYPICAL VALUES
Product Form	Flakes
Monoglycerides (%)	40 – 45
Free Glycerin (% max.)	1.0
Acid Value (max.)	3.0
Saponification Value	168 - 178
Sodium Stearate (% max.)	0.1
Melting Point (°C)	58 - 60
Specific Gravity	0.94
Physiological Behavior	Refer to safety data sheet
Storage Stability	2 years in its original packaging in a dry and cool place at temperatures no more than 40°C.
Packaging	50 lb. plastic bag / 2,000 lb. skid 22.7 kg. plastic bag / 909 kg. skid

RECOMMENDATIONS FOR APPLICATION

STRUKTOL® TR 151-40 is a partial fatty acid ester of glycerine. It can be used as an antistatic agent in polypropylene and polyethylene. It is excellent for use in color concentrates and can be used as a lubricant/process aid in polyolefins and PVC.

STRUKTOL® TR 151-40 is recommended to improve the process of PVC extrusion, injection molding, blow molding, calendaring of sheets and films, and extrusion of profiles.

DOSAGE

Recommended dosage is:	Rigid PVC	0.5 – 1.5 phr	LDPE	0.15 %
	Flexible PVC	0.5 – 1.0 phr	HDPE	0.3 %
	Polyethylene PP	0.05 – 0.5 %		

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