



ESTER GUM (Glycerol)

INTRODUCTION:

Ester gum is produced by esterification of Gum Rosin with Glycerol

APPLICATION:

Used in the manufacturing of Copal varnish, road marking and interior paint. When modified with a suitable drying oil, it may be used as in anticorrosive aluminum paints. Food Grade Ester Gum is also used in Chewing Gum.

PRODUCT CHARACTERISTICS:

Sr. No.	Characteristic	Specifications
1	Description	Pale Yellow Colour Flakes
2	Chemical Name	Ester Gum
3	Structural Formula	$\begin{array}{c} \text{CH}_2\text{OOCR} \\ \\ \text{CHOO CR} \\ \\ \text{CH}_2\text{OOCR} \end{array}$ Where $R = \text{C}_{19}\text{H}_{29}$
4	Molecular Formula	$\text{C}_{63}\text{H}_{92}\text{O}_6$
5	Molecular Weight.	944.0
6	Acid Number (mg KOH/gm)	Max. 15.0
7	Colour Value (Gardner Scale)	Max 3
8	Softening Point (Ball & Ring)	$90 \pm 5^\circ\text{C}$
9	Volatile Matter	Max. 0.50 %

SHELF LIFE: 1 YEAR

PACKING: 25 kg, HDPE woven bags

Mangalam Organics Limited

812 Tulsiani Chambers, 212 Nariman Point. Mumbai 400021. Maharashtra. India
91-22-49204089 – info@mangalamorganics.com - www.mangalamorganics.com