

ESTER GUM (DRT-107)

INTRODUCTION:

Ester gum is produced by esterification of Gum Rosin with Glycerol.

APPLICATION:

Ester gum (DRT-107) is used in the manufacturing of Copal varnish, road marking paint and interior paint, anticorrosive aluminum paints, Food Grade Ester Gum is also used in Chewing Gum, Chocklets.

PRODUCT CHARACTERISTIC:

S. No.	Characteristic	Specifications
1.	Description	Pale yellow Lump / Pellets / Flakes
2.	Chemical Name	Ester Gum
3.	Structural Formula	$ \begin{array}{c} \text{CH}_2\text{OOCR} \\ \\ \text{CHOOCR} \\ \\ \text{CH}_2\text{OOCR} \end{array} $ <p>Where R=C₁₉H₂₉</p>
4.	Molecular Formula	C ₆₃ H ₉₂ O ₆
5.	Molecular Weight	944.0
6.	Acid Number	Max. 10.0 mg KOH/gm.
7.	Colour value	3-6 G
8.	Softening Point Deg. Celsius	90 ± 5 °C
9.	Volatile Matter	Max. 0.50 %
10.	Solubility in 30 % in Toluene Solution	Clear

SHELF LIFE:

1 year

STORAGE:

Store in a cool and dry place at room temperature.

PACKING:

Packed in 25 kg HDPE woven bag with LDPE liner.