

## ESTER GUM

### Property & Usage

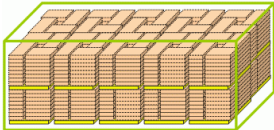
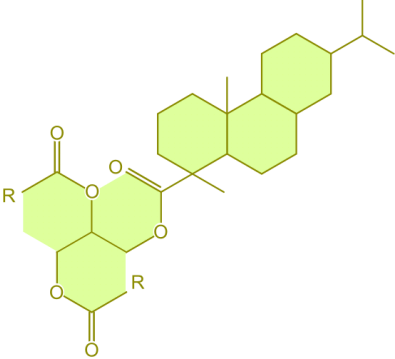
**SumRez™ Ester Gum** is made from gum rosin or hydrogenated rosin through esterification with edible/pharmacy grade glycerol. Both are food grade for food additive.

Usage as emulsification stabilizer in drinks and as chewing ingredient in chewing gum & bubble gum. The hydrogenated ester gum can be also used as tackifier for cigarette filter adhesives.

### Technical Data Sheet (TDS-4000)

ESTER GUM (FOOD GRADE)	ESTER GRADE	HYDRO GRADE
Color (Gardner)	8 max.	8 max.
Softening point (R&B, deg C)	80 - 88	78 - 88
Acid value (mgKOH/g)	3 - 8	3 - 8
Solubility (1:1 with benzol)	clear	clear
Specific gravity (25 deg C/ 25 deg C)	1.080 - 1.090	1.060 - 1.070
Ash content	0.1% max.	0.1% max.
Arsenic content	0.0002% max.	0.0002% max.
Heavy metal (as Pb)	0.002% max.	0.002% max.

### Package & Notes

<b>Package</b> 25kg net kraft polybag 25kg net kraft polybag	<b>20'FCL load</b> 17.5mt (700bags) 16mt (640bags)-pallet	
<b>Structural - C<sub>63</sub>H<sub>68</sub>O<sub>3</sub></b> 	<b>CAS Number</b> 8050-31-5  <b>HS Code</b> 38069000.90	<b>EC# (EINECS#)</b> 232-482-5  <b>Standard</b> GB10287-88
	<b>Storage</b> In cool place, avoid fire and high temperature.	

