

**Pamolyn™**  
**Tall Oil Fatty Acids**

# Pamolyn™ Tall Oil Fatty Acids

Pamolyn™ fatty acids are low in odor, range in color from water-white to pale yellow, and have excellent color stability. They are primarily oleic and linoleic acids.

Pamolyn™ 100 is unique among commercial fatty acids for its high oleic content. The unique refining process results in very low levels of rosin acids,  $\alpha$ -linolenic acid and is also low in saturated fatty acids and unsaponifiables.

Pamolyn™ 100 FGK has the same high oleic acid content as Pamolyn™ 100 and is food-grade and kosher-certified.

Pamolyn™ 200 is a high purity grade of linoleic acid especially designed for the protective coatings industry. Because of the near absence of saturated fatty acids, this product has exceptionally low titer.

Pamolyn™ 300 fatty acid is a conjugated linoleic and linoleic acid-rich blend. Outstanding for low odor, pale color, and color stability, Pamolyn™ 300 fatty acid contains 38 to 42% conjugated diene fatty acids.

Pamolyn™ 327B is a partially bodied fatty-acid blend designed to be a direct replacement for dehydrated castor oil.

Pamolyn™ 380 conjugated linoleic acid is especially useful for production of chemical intermediates by Diels-Alder chemistry.

This broad range of properties accounts for a wide diversity of end-use applications.

## Typical uses for Pamolyn™ fatty acids

- Chemical intermediates
- Synthetic detergents
- Plasticizers
- Emulsifiers
- Defoamers
- Lubricants
- Epoxy resin esters
- Alkyds and other protective coating resins

## Typical composition Pamolyn™ fatty acids

Product family	Grade	Oleic acid, %	Linoleic acids, %	Conjugated linoleic acids, %	Linolenic acids, %	Saturated fatty acids, %	Rosin acids, %	Unsaponifiabiles, %	Acid Number (mg KOH/100g)
Pamolyn™ oleic acids	100	89	7	1.5	0.1	3	nil	0.3	198
	100FGK	90	6	1.5	0.1	3	nil	0.3	198
	125	84	12	2.5	0.3	3	0.2	0.4	198
	150	77	18	4	0.8	3.5	0.4	0.6	196
Pamolyn™ linoleic acids	200	21	74	11	4	1	1.5	2.5	193
	210	21	73	11	4	1	1.5	2.7	193
Pamolyn™ Conjugated linoleic acid	380	22	74	68	3	1	1.5	2.6	195
Pamolyn™ fatty acid blends	240	31	63	9	4	1.5	1.3	2.2	193
	300	21.5	74	39	3.3	1	1.5	2.6	192
	327B	20	75	27	3	1	1.4	2.3	192
	347	45	51	40	2	2	0.9	1.6	194
	CB-70	65	29	6	2	3	2.9	1.3	195
Pamolyn™ saturates		40	40	7	2	17	0.8	1.6	192

The values presented in this brochure are average values and should not be construed as product specifications. Please refer to *Pamolyn Overview and Sales Specifications*.

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