

# Technical Data Sheet

## Pamolyn™ Saturates Fatty Acid

### Key Attributes

- High fatty acid content

### Product Description

Pamolyn™ Saturates is predominately straight-chain, 18 carbon mono- and di-unsaturated fatty acids produced by the fractional crystallization of Fatty Acid. It contains moderate levels of stearic acid and minor levels of other saturated fatty acids making it an economical source of fatty acids for flotation reagents and many other products where significant amounts of saturated fatty acids can be tolerated.

### Typical Properties

Property	Test Method	Typical Value, Units
<b>General</b>		
Acid Number		192
Fatty Acids		97 %
Rosin Acids		0.8 %
Unsaponifiabiles		1.6 %
Color, Gardner		4.5
Color		
after heat test	D 1981-61	5.5
Titer		36 °C
Specific Gravity		
@ 25°C		0.91 kg/L (7.56 lb/gal)
Fatty Acid Composition		
C16:0	GC	0.4 %
C18:0		17 %
C18:1		40 %
C18:2		40 %
C18:3		2 %
Conjugated Linoleic Acid	GC	7 %

### Packaging

In tank truck and tank cars, drums are available on a made to order basis.

### Storage

Do not store in carbon steel containers since fatty acids will react and discolor. Inside storage and "first in first out" inventory control is recommended. Fatty acids are susceptible to gradual oxidation, some more so than others. This could result in darkening and/or it could have an adverse effect on the solubility of the product in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first. Material will remain within product specification limits for a period of at least twelve months after shipment from Eastman's production facilities, provided recommended storage conditions are observed. However, as neither the processing conditions for the product, nor the end use applications for which it is used can be anticipated and extreme conditions can affect the product quality, it is recommended that the material be tested upon receipt.

*Eastman and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*

2/28/2018 11:35:39 AM

© 2019 Eastman Chemical Company or its subsidiaries. All rights reserved. As used herein, ® denotes registered trademark status in the U.S. only.