



Pamak® 4
Tall Oil Fatty Acid

Catalog Nr. Q332

Definition Is a mixture of rosin acids and fatty acids recovered from the hydrolysis of tall oil. Pamak 4 tall oil fatty acid is produced by fractional distillation of tall oil. It is a pale, low rosin grade of fatty acids, readily handled, oily liquid of uniform properties and composition. Pamak 4 consist largely of straight chain, 18 carbon mono- and di-unsaturated fatty acids, mainly oleic and linoleic.

CAS Number 61790-12-3

Application Pamak 4 is used in the manufacture of soaps, protective coatings, tempering oils, flotation reagents, polymerization, cosmetics, dyes, leather, coatings, surfactants, amines and the petroleum industry. When used alone or when reacted or formulated with other materials is an economical raw material for the manufacture of emulsifiers used in disinfectants, cleaners, and detergents; air drying and baking alkyds; gloss oils and varnishes; drum and toy enamels; tempering oils for hardboard; metallic dryers; core oils; masonry cements; flotation reagents; and chemical intermediates.

Technical Data	Property	Typical Value, Units
	Fatty Acids	92.0%
	Rosin Acids	4.5%
	Unsaponifiables	3.5%
	Acid Number	191
	Iodine Value a	131
	Color, Gardner	6
	Titer	-5°C
	Fatty Acid Composition	
	C 16:0	0.4%
	C18:0	2.8%
	C18:1	35.0%
	C18:2	56.6%
	C18:3	3.5%
	Viscosity @ 25°C	0.33 Poise
	Specific Gravity	0.91 kg/L (7.60 lb/gal)

Packaging & Handling 55 gal. 410 lb non-returnable drums. Other packaging available upon request.

UN Number	Class	Packaging Group
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Remarks Pamak® 4 is a registered trademark of Eastman Inc. Please read MSDS before handling product.