

Hystrene® 5016

Description

Hystrene® fatty acids are the highest purity fatty acids offered by PMC Biogenix and are among the finest available commercially. Hystrene® 5016 is a high purity mixture of saturated fatty acids with an approximate 50% palmitic acid content. Typical of the triple-pressed grade, this product has excellent heat and color stability.

Hystrene® 5016 is available in flake, powder or molten forms.

Vegetable, Food Grade, and Kosher versions are also available. All NF designated products are produced consistent with the requirements of the National Formulary.

Applications

Hystrene® fatty acids are characterized by light colors and excellent oxidative and thermal stability. These properties make the fatty acids adaptable to a wide range of applications, including:

- Personal Care
- Food Grade Ingredients
- Waxes
- Pharmaceuticals
- Paints & Printing Inks
- Plastics & Polymer Additives
- Rubber Compounding
- Water Repellents
- Textile Auxiliaries
- Crayon & Candle Manufacturing

FDA Status

Hystrene® 5016 NF Food Grade is approved for direct food substances under 21 CFR 184.1090 (GRAS) and 21CFR 172.860 (Food additive fatty acids may be safely used in food and in the manufacture of food components).

Properties	Typical Value
Acid number	208
Iodine value	0.4
Melting point	55° C
C16	51%
C18	45%
C16+18	96%
Lovibond Color	R 0.1 max / Y 1.0 max

These are typical values. Each material number will have its own specifications.

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