

PALMAC 5516 Technical Data Sheet

Product Characteristics

Stearic Acid, also called Octadecanoic Acid, is one of the most common long-chain fatty acids. It is a colorless, waxy solid that is almost insoluble in water. Commercial stearic acid is a mixture of approximately equal amounts of stearic and palmitic acids and small amounts of oleic acid. It is employed in the manufacture of candles, cosmetics, shaving soaps, lubricants, and pharmaceuticals. Stearic acid is a common lubricant during injection molding and pressing of ceramic powders. It is also used as a mold release for foam latex that is baked in stone molds.

Applications

- Rubber compounding
- Cosmetics
- Lubricants in PVC products
- Production of stearates
- Fireworks

Specifications & Properties

➤ Appearance:	White powder
➤ Description:	Palm Triple Pressed Acid
➤ Titre Deg.:	55 – 56.5 °C
➤ Iodine Value:	0.5 Max gI ₂ /100 g
➤ Acid Value:	205 – 211 mg KOH/g
➤ Saponification Value:	206 – 212 mg KOH/g
➤ Color in Lovibond Scale:	2Y 0.2R max
➤ Color in APHA:	40 max.
➤ C14:	2.0 max
➤ C16:	52-56 max
➤ C18:	42.0 - 47.0 max
➤ C18:1	0.5 max

Add: Khalil Hosseini Ave., North Sohrevardi St., Tehran, Iran

Tel: +98-2188748374, +98-2188753507

Fax: -98-2188753507

Email: hermannpolymer@gmail.com

Website: herman.ir

Properties

- A waxy product which comes in beads
- Not hazardous material

Packing

In 25kg Polyethylene-laminated bags

Safety Precautions

Please consult the MSDS before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.



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POLYMER

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